
2024 COMPLETE TNCC 9th Edition Mastery Guide: Complete Study Resource with Over 500 Verified Questions | Achieve Success in the Trauma Nursing Core Course (TNCC) Exams

A patient fell two weeks ago, striking their head. Today, the patient presented with a persistent headache and nausea and was diagnosed with a small subdural hematoma. The patient has been in the ED for 24 hours awaiting an inpatient bed. The night shift nurse reports the patient has been anxious, restless, shaky, and vomited twice during the night. The patient states they couldn't sleep because a young child kept coming into the room. What is the most likely cause for these signs and symptoms? a. increase intracranial pressure

- b. alcohol withdrawal
- c. rhabdomyolysis
- d. pulmonary embolus
- b. alcohol withdrawal

Treatment for frostbite can include which of the following interventions?

- a. warm the affected part over 30-60 minutes
- b. use gentle friction to improve circulation
- c. administer tissue plasminogen activator
- d. leave all of the blisters intact
- c. administer tissue plasminogen activator

A patient with a spinal cord injury at C5 is being cared for in the emergency department while awaiting transport to a trauma center. Which of the following represents the highest priority for ongoing assessment and management for this patient?

- a. maintain adequate respiratory status.
- b. administer balanced resuscitation fluid

Tncc Certification Study Guide

TD Snyder

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the author's name.

Tncc Certification Study Guide:

As recognized, adventure as skillfully as experience approximately lesson, amusement, as without difficulty as covenant can be gotten by just checking out a ebook **Tncc Certification Study Guide** next it is not directly done, you could take even more not far off from this life, on the world.

We pay for you this proper as competently as easy pretension to acquire those all. We present Tncc Certification Study Guide and numerous book collections from fictions to scientific research in any way. among them is this Tncc Certification Study Guide that can be your partner.

<https://hersolutiongelbuy.com/files/detail/Documents/sony%20vpcee33fx%20laptops%20owners%20manual.pdf>

Table of Contents Tncc Certification Study Guide

1. Understanding the eBook Tncc Certification Study Guide
 - The Rise of Digital Reading Tncc Certification Study Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Tncc Certification Study Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Tncc Certification Study Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Tncc Certification Study Guide
 - Personalized Recommendations
 - Tncc Certification Study Guide User Reviews and Ratings
 - Tncc Certification Study Guide and Bestseller Lists
5. Accessing Tncc Certification Study Guide Free and Paid eBooks

- Tncc Certification Study Guide Public Domain eBooks
 - Tncc Certification Study Guide eBook Subscription Services
 - Tncc Certification Study Guide Budget-Friendly Options
6. Navigating Tncc Certification Study Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Tncc Certification Study Guide Compatibility with Devices
 - Tncc Certification Study Guide Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Tncc Certification Study Guide
 - Highlighting and Note-Taking Tncc Certification Study Guide
 - Interactive Elements Tncc Certification Study Guide
 8. Staying Engaged with Tncc Certification Study Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Tncc Certification Study Guide
 9. Balancing eBooks and Physical Books Tncc Certification Study Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Tncc Certification Study Guide
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Tncc Certification Study Guide
 - Setting Reading Goals Tncc Certification Study Guide
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Tncc Certification Study Guide
 - Fact-Checking eBook Content of Tncc Certification Study Guide
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Tncc Certification Study Guide Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Tncc Certification Study Guide PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and

empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Tncc Certification Study Guide PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Tncc Certification Study Guide free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Tncc Certification Study Guide Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Tncc Certification Study Guide is one of the best book in our library for free trial. We provide copy of Tncc Certification Study Guide in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Tncc Certification Study Guide. Where to download Tncc Certification Study Guide online for free? Are you looking for Tncc Certification Study Guide PDF? This is definitely going to save you time and cash in something you should think about.

Find Tncc Certification Study Guide :

[sony vpcee33fx laptops owners manual](#)

[sony klv 23s200 tvs owners manual](#)

[sony xperia z guide](#)

sony xperia tipo st21i manual

sony vpcca17fx laptops owners manual

[sony mhc dx10 manual](#)

[sony vaio startup repair cannot repair computer](#)

[sony tv remote codes](#)

[sony sdm s75fs monitors owners manual](#)

[sony kv 36fv16 trinitron color tv service manual](#)

sony rdr hxd560 manual

sony ntm 910 manual

sony laptop user guide

[sony kp 51ws510 color rear projection repair manual](#)

sony spp a1075 telephones owners manual

Tncc Certification Study Guide :

amadeus sales catering delphi select - Feb 09 2023

web beginner intermediate advanced embarcadero youtube the embarcadero youtube channel contains thousands of hours of free training for delphi with hundreds of topics

amadeus hospitality training education - May 12 2023

take a few minutes to update your personal information such as language time zone and email signature to update your personal information 1 click your name in the top of see more

delphi training series programming 101 episode 1 youtube - Jul 02 2022

web delphi diagramming is an interactive cloud native hospitality software that helps event planners and venues collaborate throughout the booking cycle to design customized

[delphi programming for beginners learn delphi](#) - Sep 04 2022

web the delphi 5 books are equally as long as later editions but spend all of those pages on the win32 features of the vcl and

some very valuable tutorials on pascal which is handy

delphi sales and catering software catering software - Apr 30 2022

web may 31 2023 1 delphi rave tutorial borland delphi usb component lodgit desk hotel software for mac 1 18 12 what is the easiest most effective way to learn delphi want to

pdf the delphi technique a tutorial researchgate - Oct 05 2022

web delphi is an object oriented programming language an object is a self contained entity having properties characteristics or distinctive signs and a set of actions or behaviors

source code aplikasi hotel menggunakan delphi - Dec 27 2021

web dec 25 2021 26 share 831 views 1 year ago university college london hotel management systems developed with database in delphi you will learn how to create

delphi diagramming event floor plan software amadeus - Jun 01 2022

web oct 8 2011 the latest version of delphi sales and catering software can be used in any hospitality company regardless of its size and type it can be used in any location or any

learn delphi youtube - Mar 10 2023

web dec 26 2021 how to create hotel management systems with database in delphi full tutorial café management system developed in delphi using the pascal based

overview of hotel management systems developed with - Jul 14 2023

you can access this training without logging in in fact many of our customers have new employees complete this training and take the see more

the delphi technique a tutorial taylor francis online - Oct 25 2021

a beginner s guide to delphi programming thoughtco - Dec 07 2022

web jun 6 2022 this methods tutorial discussion aims to illustrate the usage of the delphi technique by providing a worked example to demonstrate the proposed method in a

delphi hotel tutorial wiki lwn net - Feb 26 2022

web delphi hotel tutorial820692c0b0235d8b951bd4f4b1ce5c91 minecraft mansion tutorial step by step zagat 2005 top international hotels resorts spas zagatsurvey net 2 0

delphi hotel software tutorial united states manuals step by - Mar 30 2022

web kindle emotions provoke contemplation and ignite transformative change is actually awe inspiring enter the realm of delphi hotel tutorial a mesmerizing literary masterpiece

getting started amadeus hospitality - Sep 16 2023

your it team should have already received the complete system requirements and have hopefully taken care of everyone's settings take a moment to verify these basics to make sure you have a smooth experience from the start browsers 1 you can use just about any browser you like but chrome and firefox see more

pdf delphi hotel tutorial - Jan 28 2022

web feb 9 2016 sobat klik button mulai terlebih dahulu untuk memulai aplikasi ini 2 sobat hanya mengisi lama menginap dan harga saja kemudian klik button hitung maka

how to create hotel management systems with database in - Nov 25 2021

web this methods tutorial discussion aims to illustrate the usage of the delphi technique by providing a worked example to demonstrate the proposed method in a hospitality

delphi amadeus hospitality sales catering software - Aug 15 2023

when you reset your password you'll be logged in after that you'll go to login salesforce.com and log in with your user name and password save that to your favorites in your browser if you select the remember see more

delphi tutorials for beginners online download festra - Jan 08 2023

web pass who run before you can walk yes that's possible with our crash course delphi already in the first lesson of our hands on delphi tutorial you compile a real application

the delphi technique a tutorial research in hospitality - Nov 06 2022

web jan 2 2022 this methods tutorial discussion aims to illustrate the usage of the delphi technique by providing a worked example to demonstrate the proposed method in a

learn delphi - Apr 11 2023

web dec 25 2021 dj oamen 139k subscribers 1k views 1 year ago university college hospital hotel management systems developed with database in delphi you will

what is the easiest most effective way to learn delphi - Aug 03 2022

web oct 5 2006 the delphi training series programming 101 is a sequence of training videos designed to teach the complete beginner how to become a programmer using delphi in

how to create hotel management systems with database in - Jun 13 2023

whether you have access to one property or one hundred properties you'll need to set a default property this saves you from having to select a see more

local training oecp - Feb 26 2023

web local training eligibility requirements initial certification requirements for initial certification are addressed on page 3 of

the oecp crane operator candidate manual they include the following be a member in good standing with any local of the international union of operating engineers with dues paid through the current month

accredited crane operator certification wikipedia - May 20 2022

web these organizations include the not for profit organizations national center for construction education and research nccer the national commission for the certification of crane operators nccco and the operating engineers certification program oecp certification process

faq oecp - Sep 04 2023

web operating engineers certification program a joint labor management program by operating engineers for operating engineers crane operator available certifications candidate manual examination fees initial certification eligibility requirements initial cert application online application recertification eligibility

application for initial certification operating engineers oecp - Jul 02 2023

web application for initial certification operating engineers certification program crane operator we greatly appreciate your interest in applying for crane operator certification with the operating engineers certification program oecp

operating engineers certification program crane operator copy - Dec 27 2022

web operating engineers certification program crane operator crane and hoisting equipment operator feb 12 2023 mobile crane operator branch 1 apr 14 2023 a career as a heavy equipment operator jan 19 2021 heavy equipment operators who drive the cranes excavators and other large machinery that power

operating engineers certification program - Oct 05 2023

web further information can be obtained by contacting the oecp main office at 951 351 4001 by visiting the oecp website here or e mail at oecp oecp org operating engineers certification program or oecp certifies operators on boom truck crane lattice boom crane overhead crane telescopic boom crane and tower crane

oecp crane operator candidate manual pdf certification - Apr 30 2023

web requirements to obtain crane operator certification for members of the international union of operating engineers and is the exclusive property of the operating engineers certification program inc the oecp may revise delete or revise any instruction notice policy practice or procedure in this instruction

fed osha crane operator certifications oecp - Jun 20 2022

web fed osha crane operator certifications currently the program offers certifications on the following crane types lattice boom crane telescopic boom crane boom truck crane overhead crane tower crane detailed definitions of the above crane types are provided below

oecp local 12 - Sep 23 2022

web the operating engineers certification program oecp is an osha recognized program designed to provide members of the international union of operating engineers a means to obtain a valid and reliable certification that accurately assesses their competence in crane operations thereby directly promoting a safer jobsite environment for the

top 11 crane operator certifications resumecat - Jul 22 2022

web jul 17 2023 the international union of operating engineers iuoe boom truck overhead and crawler crane operator certification is a certification program that verifies an individual s ability to safely and competently operate boom trucks overhead cranes and crawler cranes

apply to be a registered crane operator ministry of manpower - Aug 03 2023

web at a glance requirements to apply you need to meet the following requirements be at least 21 years old pass the relevant crane operator course conducted by an accredited training provider atp you must have obtained the certificate within 6

operating engineers certification program faq - Jan 28 2023

web crane operator certification is the process used to evaluate a crane operator s knowledge and skills with crane operations procedures safety and regulations this certification process consists of a written and practical hands on examination q who is conducting this certification a

oecp home - Mar 30 2023

web oecp home crane operator available certifications candidate manual examination fees initial certification eligibility requirements initial cert application online application recertification eligibility requirements online application signalperson rigger examination fees initial certification eligibility requirements

crane operator ministry of manpower - Jun 01 2023

web terminate a registration how to terminate your registration for crane operator eservices and forms online services and forms for crane operator transactions register and manage wsh professional and competent person certificate enquire about my wsh licences view all you can apply to be a registered crane operator

nccco cco mobile crane operator certification overview - Feb 14 2022

web certifications mobile crane operator service truck crane operator tower crane operator overhead crane operator articulating crane operator digger derrick operator dedicated pile driver operator drill rig operator concrete pump operator telehandler operator signalperson rigger crane inspector lift

crane operator training programs learn org - Apr 18 2022

web crane operator training programs learn about education options to prepare for a career as a crane operator find out about key job skills needed in this field along with professional certification and licensure requirements view schools what type of crane operator training programs are offered

directory of accredited crane operator certification programs - Aug 23 2022

web nccco national commission for the certification of crane operators nccer national center for construction education and research oecp operating engineers certification program section 2 list of accredited certification programs certification organization accredited until

lorry crane operator certificate is a must to have - Mar 18 2022

web jun 1 2020 lorry crane since september 2013 all lorry crane operators have to be certified to operate the crane that is attached on the lorry the training equipped operators with relevant skills and knowledge to operate the lorry crane safely this is like the driving license that all drivers must have before they are allowed to drive on

directory of accredited crane operator certification programs - Nov 25 2022

web nccco national commission for the certification of crane operators nccer national center for construction education and research oecp operating engineers certification program section 2 list of accredited certification programs certification organization accredited until

list of accredited certification programs102620 nccco - Oct 25 2022

web operating engineers certification program oecp accredited by the national commission for certifying agencies ncca boom truck crane operator lattice boom crane operator overhead crane operator telescopic boom crane operator tower crane operator 1 31 2021 1 31 2021 1 31 2021 1 31 2021 1 31 2021

el heredero de mondolfo by mary wollstonecraft shelley amado - Aug 03 2022

web los hijos entre sus planes de futuro pero ahora que por fin había encontrado al hombre de sus sueños chareen no estaba dispuesta a tirar la toalla el libro reúne 6 cuentos fantasías góticas tituladas la transformación historia de pasiones

el heredero de mondolfo sam arabtravelers com - Feb 26 2022

web 2 el heredero de mondolfo 2020 07 08 el heredero de mondolfo downloaded from sam arabtravelers com by guest hudson wendy el materialismo histórico en federico engels ediciones colihue srl el fulgurante éxito internacional de frankenstein ha eclipsado en parte la meritoria obra de mary shelley quien además no pudo publicar en

el heredero de mondolfo help environment harvard edu - Dec 27 2021

web el heredero de mondolfo right here we have countless ebook el heredero de mondolfo and collections to check out we additionally meet the expense of variant types and also type of the books to browse the okay book fiction history novel scientific research as skillfully as various new sorts of books are readily affable here

el heredero de mondolfo by mary wollstonecraft shelley amado - Apr 11 2023

web la escuela simbolista nació en parís el 9 de abril de 1821 y estudió en el collège louis le grand su infancia y su adolescencia para este etido preliminar existe un trabajo exhaustivo de rodolfo mondolfo bajo el título de opiniones de los

filósofos y heredero de la obra y del liceo de aristóteles su rodolfo mondolfo el genio

el heredero de mondolfo app oaklandlibrary - Aug 15 2023

web estudios de historia de la filosofía en homenaje al profesor rodolfo mondolfo con motivo del quincuagésimo aniversario de su doctorado en los orígenes de la filosofía de la cultura philosophia

descargar kindle mobi el heredero de mondolfo de mary - Jun 01 2022

web este ebook gratuito del libro de mary shelley el heredero de mondolfo en formato mobi está diseñado para ser leído en un lector de ebooks amazon kindle o en tablets y smartphones con las apps de amazon kindle o compatibles

descargar epub el heredero de mondolfo de mary shelley - Sep 04 2022

web descargar gratis en formato epub el libro el heredero de mondolfo de mary shelley este ebook gratuito del libro de mary shelley el heredero de mondolfo en formato epub es perfecto para ser leído en un lector de ebooks o en tablets y

smartphones con las apps adecuadas epub es un formato abierto compacto y compatible por lo que es el

el heredero de mondolfo mary shelley textos info - Jul 14 2023

web en la hermosa y virgen campiña cercana a sorrento en el reino de napóles en la época en que era gobernado por monarcas de la casa de anjou vivía un noble territorial cuyas riquezas y poder superaban a los de sus otros vecinos nobles

el heredero de mondolfo traducción contenido biblioteca - Jan 08 2023

web contenido el heredero de mondolfo traducción categoría traducción idioma español spa géneros fecha 1993 traductores

nombre elías sarhan origen origen del contenido traducción de título the heir of mondolfo categoría relato corto fecha

contenido 1877 géneros terror autores de nombre mary wollstonecraft shelley

el heredero de mondolfo by mary wollstonecraft shelley amado - Oct 05 2022

web april 24th 2020 acerca de a solas con tu amor de man raye a pesar de la innegable química que había entre ellos el duro ejecutivo no tenía el matrimonio ni los hijos entre sus planes de futuro pero ahora que por fin había

the heir of mondolfo by mary wollstonecraft shelley - Nov 06 2022

web free download in the beautiful and wild country near sorrento in the kingdom of naples at the time it was governed by monarchs of the house of anjou there lived a territorial noble whose wealth and power overbalanced that of the neighboring nobles his castle itself a stronghold was built on a rocky eminence toppling over the blue and

el heredero de mondolfo by mary wollstonecraft shelley amado - Apr 30 2022

web jun 16 2023 el heredero de mondolfo by mary wollstonecraft shelley amado ponce cáceres mondolfo diario la tribuna

descarga libro a solas con tu amor doc de man raye mary wollstonecraft shelley la nave invisible mary shelley textos info el hospital de la transfiguración stanislaw lem libros texto el

el heredero de mondolfo versión kindle amazon es - May 12 2023

web el heredero de mondolfo ebook wollstonecraft shelley mary ponce cáceres amado amazon es libros

libro gratis el heredero de mondolfo mary shelley textos - Jun 13 2023

web libro ebook gratis el heredero de mondolfo de mary shelley etiquetas cuento descargar libro gratis en pdf epub mobi o leer online en textos info

el heredero de mondolfo edición kindle amazon com mx - Dec 07 2022

web el heredero de mondolfo ebook wollstonecraft shelley mary ponce cáceres amado amazon com mx tienda kindle

dünyanın zorlukları mahmud el hadiri türkçe altyazılı - Jul 02 2022

web arapça sohbetler goo gl cyhsqhallah a yönelmekten başka kurtuluş yoktur goo gl jssch1huzur bulacaksınız İzleyin goo gl u4luhr yen

el heredero de mondolfo by mary wollstonecraft shelley amado - Mar 10 2023

web paris el 9 de abril de 1821 y estudió en el collège louis le grand su infancia y su adolescencia el mortal inmortal el protagonista nos narra lo que le aconteció siendo ayudante de un alquimista gran relato el heredero de mondolfo de nuevo un relato de corte medieval al más puro estilo gótico de la época ferdinando eboli nuevo relato

descargar el heredero de mondolfo de mary wollstonecraft - Mar 30 2022

web feb 24 2020 el heredero de mondolfo de mary wollstonecraft shelley amado ponce cáceres autor mary wollstonecraft shelley amado ponce cáceres categoria libros juvenil ciencia ficción y fantasía

hayrullah efendî tdv İslâm ansiklopedisi - Jan 28 2022

web hayrullah efendi 28 ramazan 1270 te 24 haziran 1854 mekâtib i umûmiyye nâzırlığına getirildi journal de constantinople nr 525 29 juin 1854 bu görevindeki başarılı çalışmalarından dolayı 24 Şâban 1272 de 30 nisan 1856 o zamanın en yüksek devlet nişanı olan mecîdî nişanının üçüncü derecesiyle taltif

descargar pdf el heredero de mondolfo de mary shelley - Feb 09 2023

web descargar gratis el libro el heredero de mondolfo de mary shelley en pdf este ebook gratuito del libro de mary shelley el heredero de mondolfo en formato pdf se puede leer desde cualquier dispositivo ordenadores tablets y smartphones pdf es el formato idóneo para leer desde el ordenador y para imprimir el texto en papel