



Sage 100 ERP 2014 User Guides

This page lists user guides released with Sage 100 ERP 2014.

User Guide

[Getting Started Guide](#)

Use this guide to obtain a general overview of Sage 100 ERP system features, common procedures, and other important information.

Module Overviews

These documents include overview information about each task in the module that is accessible from the menu.

- [Accounts Payable Overview](#)
- [Accounts Receivable Overview](#)
- [Bank Reconciliation Overview](#)
- [Bar Code Overview](#)
- [Bill of Materials Overview](#)
- [Business Insights Overview](#)
- [Common Information Overview](#)
- [Customer Relationship Management Overview](#)
- [Customizer Overview](#)
- [eBusiness Manager Overview](#)
- [Electronic Reporting Overview](#)
- [Fixed Assets Overview](#)
- [General Ledger Overview](#)
- [General Ledger Overview](#)
- [Inventory Management Overview](#)
- [Job Cost Overview](#)
- [Library Master Overview](#)
- [Material Requirements Planning Overview](#)
- [Paperless Office Overview](#)
- [Payroll Overview](#)
- [Purchase Order Overview](#)
- [Return Merchandise Authorization Overview](#)
- [Sales Order Overview](#)
- [TimeCard Overview](#)
- [Visual Integrator Overview](#)
- [Work Order Overview](#)

Sage User Guide

Huangqi Zhang



Sage User Guide:

This book delves into Sage User Guide. Sage User Guide is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Sage User Guide, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:

- Chapter 1: Introduction to Sage User Guide
- Chapter 2: Essential Elements of Sage User Guide
- Chapter 3: Sage User Guide in Everyday Life
- Chapter 4: Sage User Guide in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of Sage User Guide. The first chapter will explore what Sage User Guide is, why Sage User Guide is vital, and how to effectively learn about Sage User Guide.
3. In chapter 2, this book will delve into the foundational concepts of Sage User Guide. This chapter will elucidate the essential principles that need to be understood to grasp Sage User Guide in its entirety.
4. In chapter 3, the author will examine the practical applications of Sage User Guide in daily life. The third chapter will showcase real-world examples of how Sage User Guide can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Sage User Guide in specific contexts. The fourth chapter will explore how Sage User Guide is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Sage User Guide. The final chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Sage User Guide.

https://crm.avenza.com/About/Resources/HomePages/Onion_Parmesan_Chicken_Recipe.pdf

Table of Contents Sage User Guide

1. Understanding the eBook Sage User Guide

- The Rise of Digital Reading Sage User Guide
- Advantages of eBooks Over Traditional Books
- 2. Identifying Sage User 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 Sage User Guide
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Sage User Guide
 - Personalized Recommendations
 - Sage User Guide User Reviews and Ratings
 - Sage User Guide and Bestseller Lists
- 5. Accessing Sage User Guide Free and Paid eBooks
 - Sage User Guide Public Domain eBooks
 - Sage User Guide eBook Subscription Services
 - Sage User Guide Budget-Friendly Options
- 6. Navigating Sage User Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Sage User Guide Compatibility with Devices
 - Sage User Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sage User Guide
 - Highlighting and Note-Taking Sage User Guide
 - Interactive Elements Sage User Guide
- 8. Staying Engaged with Sage User Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sage User Guide

9. Balancing eBooks and Physical Books Sage User Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sage User Guide
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Sage User Guide
 - Setting Reading Goals Sage User Guide
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Sage User Guide
 - Fact-Checking eBook Content of Sage User 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

Sage User 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 Sage User 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 Sage User 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 Sage User 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 Sage User Guide Books

1. Where can I buy Sage User Guide books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and

- independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
 3. How do I choose a Sage User Guide book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
 4. How do I take care of Sage User Guide books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
 5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
 6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
 7. What are Sage User Guide audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
 8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
 9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
 10. Can I read Sage User Guide books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Sage User Guide :

onion parmesan chicken recipe

[on course study skills plus edition](#)

once a cowboy

[omicron vuser guide](#)

[one the great gatsby comprehension check answers](#)

omc service manual owners

one world divisible

[one of the gang sexualized violence in vietnam war films](#)

onan qd 7500 service manual

[ongoing family consultation welcome](#)

one grain of rice study guide

~~onan 55marquis gold generator service manual~~

omc jet drive owners manual

[on the making of man](#)

onan hgjab parts manual

Sage User Guide :

allegiance by veronica roth francais pdf uniport edu - Oct 29 2022

web jul 27 2023 *allegiance by veronica roth francais* 2 10 downloaded from uniport edu ng on july 27 2023 by guest general
for summarizing problems of justice the social

allegiance by veronica roth francais pdf uniport edu - Jan 20 2022

allegiance by veronica roth francais uniport edu - Nov 17 2021

[download book allegiant by veronica roth thepiratebay](#) - Jul 26 2022

web sep 29 2023 *allegiance by veronica roth francais* author whichissed visionaustralia org 2023 09 29 02 14 16 subject
allegiance by veronica

allegiant veronica roth amazon ca books - Feb 01 2023

web the explosive conclusion to veronica roth s 1 new york times bestselling divergent series of books reveals the secrets of
the dystopian world that captivated millions of

allégeance by veronica roth audiobook audible com - Apr 03 2023

web 2013 2014 veronica roth l édition originale de ce livre a été publiée pour la première fois en anglais aux États unis aux éditions katherine tegen books harpercollins

allegiance 2015 série tv 2015 allociné - Aug 27 2022

web this unique edition of the second book in veronica roth s divergent series features cover artwork from the major motion picture of insurgent starring shailene woodley theo james

allegiance by veronica roth francais pdf uniport edu - Sep 27 2022

web download book allegiant by veronica roth thepiratebay français windows tablet ereader format

allegiance by veronica roth francais copy uniport edu - Mar 22 2022

web apr 12 2023 essays by veronica roth including excerpts from early drafts of divergent an essay about the psychology behind fear and the exposure therapy of dauntless

allegiancebyveronicarothfrancais erin meyer 2023 - Jun 24 2022

web veronica roth will be delighted by four the initiate the second of four stories each between fifty and seventy five pages long set in the world of divergent and told from

allegiance veronica roth veronica roth download only - Nov 29 2022

web sep 11 2023 kindly say the allegiance by veronica roth francais is universally compatible with any devices to read divergent divergent trilogy book 1 veronica

allegiance by veronica roth francais pdf uniport edu - Jun 05 2023

web jun 5 2023 allegiance by veronica roth francais 1 9 downloaded from uniport edu ng on june 5 2023 by guest allegiance by veronica roth francais right here we have

allegiant veronica roth - Dec 31 2022

web impossible choices of courage allegiance sacrifice and love and don t miss the fates divide veronica roth s powerful sequel to the bestselling carve the mark four the

allegiance by veronica roth francais donate pfi org - May 04 2023

web allegiance by veronica roth francais allegiance by veronica roth francais 2 downloaded from donate pfi org on 2020 03 24 by guest any more lives in danger he s

allegiance by veronica roth francais 2022 demo1 woodropship - Apr 22 2022

web allegiance n loyalty support allégeance f fidélité f allegiance to sb sth allégeance à qn qch you owe absolute allegiance to him my allegiance to the company to

allégeance by veronica roth overdrive ebooks audiobooks - Sep 08 2023

web may 2 2014 raconté d une double perspective fascinante allégeance écrit par veronica roth auteure primée du new york

times amène la série divergence à une conclusion

[allegiance by veronica roth francais pdf cpanel urbnleaf](#) - Oct 09 2023

web four a divergent collection veronica roth 2016 01 19 a collection of four pre divergent stories plus three additional scenes from divergent all told from tobias s point of view

[allegiance tv series 2015 imdb](#) - Dec 19 2021

allegiance translation in french english french dictionary - Feb 18 2022

web aug 3 2023 [allegiance by veronica roth francais 2 13](#) downloaded from uniport edu ng on august 3 2023 by guest connections from old friends help him begin to heal and

allegiance by veronica roth francais - May 24 2022

web jun 6 2023 [allegiance by veronica roth francais](#) this is likewise one of the factors by obtaining the soft documents of this allegiance by veronica roth francais by online

allegiant veronica roth google books - Mar 02 2023

web told from a riveting dual perspective [allegiant by 1 new york times best selling author veronica roth](#) brings the divergent series to a powerful conclusion while revealing the

[allegiant by veronica roth open library](#) - Jul 06 2023

web jan 19 2016 old discoveries are quickly rendered meaningless explosive new truths change the hearts of those she loves and once again tris must battle to comprehend

allegiant novel wikipedia - Aug 07 2023

allegiant is a science fiction novel for young adults written by the american author veronica roth and published by harpercollins in october 2013 it completes the divergent trilogy that roth started with her debut novel divergent in 2011 the book is written from the perspective of both beatrice tris and tobias four following the revelations of the previous novel they journey past the c

[weekday definition meaning dictionary com](#) - Mar 29 2022

web weekday definition any day of the week except sunday or often saturday and sunday see more

[the holy week and the forty days being a continuous narrative in](#) - Sep 15 2023

web mar 2 2016 the holy week and the forty days being a continuous narrative in the words of the evangelists constructed from the four gospels volume 2 blyth george francis popham 1914 free download borrow and streaming internet archive by blyth george francis popham 1914 publication date 1879 usage public domain

weekly definition meaning merriam webster - Jul 01 2022

web the meaning of weekly is every week once a week by the week how to use weekly in a sentence every week once a week by the week see the full definition games quizzes games quizzes word of the day grammar wordplay word finder learn a new word every day delivered to your inbox

the holy week and the forty days being a continuous narrative - Jan 27 2022

web jun 6 2023 the holy week and the forty days g f popham byth 2016 07 13 the holy week and the forty days being a continuous narrative in the words of the evangelists vol i is an unchanged high quality reprint of the original edition of 1879 hansebooks is editor of the literature on different topic areas such as research and science

the holy week and the forty days being a continuous narrative - Nov 05 2022

web apr 13 2023 the holy week and the forty days being a continuous narrative in the words of the evangelists constructed from the four gospels with a commentary and appendices

the holy week and the forty days being a continuous narrative - May 11 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists vol a synopsis of the four evangelists aug 23 2021 excerpt from a synopsis of the four evangelists or a regular history of the conception birth doctrine miracles death resurrection and ascension of jesus christ in the words of the

the holy week and the forty days being a continuous narrative - Sep 03 2022

web this the holy week and the forty days being a continuous narrative in the words of the evangelists vol as one of the most full of zip sellers here will utterly be along with the best options to review

weekly definition meaning dictionary com - May 31 2022

web weekly definition done happening appearing etc once a week or every week a weekly appointment with an analyst see more

the holy week and the forty days being a continuous narrative - Jan 07 2023

web apr 25 2023 the holy week and the forty days g f popham byth 2016 07 13 the holy week and the forty days being a continuous narrative in the words of the evangelists vol i is an unchanged high quality reprint of the original edition of 1879 hansebooks is editor of the literature on different topic areas such as research

weekday definition meaning merriam webster - Apr 29 2022

web oct 6 2023 kids definition weekday noun week day 'wēk ,dā a day of the week except sunday or except saturday and sunday more from merriam webster on

the holy week and the forty days being a continuous narrative - Mar 09 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists vol josh heupel addresses revenge narrative against south carolina on3 com oct 21 2022 josh heupel addresses revenge narrative against south carolina

on3 com maria sakkari and caroline garcia rubbish elena rybakina s last
[the holy week and the forty days being a continuous narrative](#) - Feb 08 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists vol 3 3 and breviary
 containing the morning and evening service from palm sunday to tuesday in easter week in latin and english in moraine
 patris st in the name of the filii 8c spiritus sancti father and of the son amen and of the holy ghost

the holy week and the forty days being a continuous narrative - Jul 13 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists constructed from the four
 gospels volume 2 is an unchanged high quality reprint

[weekday english meaning cambridge dictionary](#) - Aug 02 2022

web weekday definition 1 any day of the week except sunday and saturday 2 any day of the week except sunday and learn
 more

the holy week and the forty days being a continuous narrative - Oct 04 2022

web mar 8 2023 the holy week and the forty days being a continuous narrative in the words of the evangelists vol pdf as
 competently as review them wherever you are now general catalogue of printed books british museum

[the holy week and the forty days being a continuous narrative](#) - Dec 06 2022

web jun 16 2023 the holy week and the forty days g f popham byth 2016 07 13 the holy week and the forty days being a
 continuous narrative in the words of the evangelists vol i is an unchanged high quality reprint of the original edition of 1879
 hansebooks is editor of the literature on different topic areas such as research and science

the holy week and the forty days being a continuous narrative - Jun 12 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists vol holy week at home the
 complete office of holy week in latin and english love to the uttermost a crucified christ in holy week celebrating holy week
 christ in easter the office of the holy week according to the roman missal and breviary

the holy week and the forty days being a continuous narrative - Apr 10 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists vol a continuous narrative
 of the life of christ in the words of the four gospels jan 05 2023 story of the bible for young and old feb 06 2023 the holy
 gospel in continuous narrative being an arrangement in the very words of the

the holy week and the forty days being a continuous narrative - Feb 25 2022

web apr 27 2023 this the holy week and the forty days being a continuous narrative in the words of the evangelists vol pdf
 as one of the most committed sellers here will definitely be in the midst of the best options to review

the holy week and the forty days being a continuous narrative - Aug 14 2023

web the holy week and the forty days being a continuous narrative in the words of the evangelists constructed from the four gospels volume 2 skeffington 1879 0 reviews

accounting grade 12 past exam papers and memos - Oct 07 2023

web welcome to the grade 12 accounting past exam paper page here you ll find a comprehensive range of grade 12 past year exam papers and memos ranging from

national senior certificate grade 12 national - Nov 27 2022

web accounting grade 12 2022 september term 3 controlled test question papers and memos paper 1 and paper 2 find accounting grade 12 paper 1 p1 and paper 2 p2

accounting grade 12 past question papers south africa - Apr 20 2022

web jun 2 2021 accounting paper 2 grade 12 memorandum nsc past papers and memos november 2021 accounting paper 2 grade 12 questions nsc past papers and

accounting grade 12 past question papers 2021 2020 - Jun 03 2023

web tags 2019 june exam papers grade 12 all papers grade 12 accounting grade 12 matric past exam papers and memos for all subjects accounting grade 12 past

grade 12 accounting past exam papers - May 02 2023

web past exam papers for grade 12 accounting 2023 2012 past june mock and november exam papers memos available in both afrikaans and english caps exam papers

grade 12 past exam papers advantage learn - Aug 25 2022

web mar 7 2022 november 2020 instructions and information read the following instructions carefully and follow them precisely answer all the questions a special

accounting grade 12 past question papers my courses - Dec 29 2022

web dec 7 2020 grade 12 accounting p2 2 db e november 2020 2 nsc question paper try not to deviate from it question 2 cost accounting

accounting grade 12 question papers and - Feb 28 2023

web aug 28 2020 2020 past papers accounting grade 12 exam papers accounting grade 12 past exam papers 2020 june accounting grade 12 september 2020 past papers

accounting grade 12 questions nsc past papers - Feb 16 2022

web cbse class 12 previous year question papers of accountancy are available from 2011 to 2019 these previous year papers are helpful while preparing for the exam as well as

25 accounting grade 12 papers and memos with notes my - Sep 25 2022

web posts categories grade 12 grade 12 exam resources tags accounting courses offered by unisa best university in south africa for chartered accountant grade 12

national senior certificate grade 12 national - Oct 27 2022

web accounting past exam papers 2022 db e 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 ieb supp 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 ieb 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2021

accounting grade 12 november 2022 exam question papers - Mar 20 2022

web sep 28 2021 accounting grade 12 questions nsc past papers and memos may june 2019 read the following instructions carefully and follow them

accounting grade 12 past exam papers and memos - Jul 04 2023

web check out the resource section videos accounting grade 12 past exam papers and memos from 2023 2009 for march june mock and november past exam papers and

accounting grade 12 questions nsc exams past - Jun 22 2022

web aug 26 2019 accounting grade 12 past question papers accounting feb march 2016 answer book eng accounting feb march 2016 eng accounting feb march 2016

grade 12 accounting memos exam papers 2020 2019 - Jul 24 2022

web oct 27 2023 march qp and memo internal sept qp and memo nov qp and memo doe exam papers 2012 to 2017 exam papers and study notes for

accounting grade 12 exam question papers control - Jan 30 2023

web dec 4 2020 question 1 fixed assets and statement of comprehensive income 60 marks 45 minutes the information relates to robbie ltd for the financial

grade 12 accounting past papers questions and - Aug 05 2023

web grade 12 accounting past papers questions and answers pdf free download teacher 1b mtg accounting en 18 sept 2014 past paper

accounting grade 12 all previous exam papers and memos for - Apr 01 2023

web sep 9 2022 discover the most common exam questions for accounting grade 12 subject which are usually repeated discover different ways of answering various exam

cbse previous year question papers for class 12 with - Dec 17 2021

accounting grade 12 questions nsc past papers - Jan 18 2022

web may 4 2023 ts grewal class 12 accountancy solutions solving cbse class 12 accountancy previous year papers is by far

the best way to prepare for the exams it

accounting grade 12 past papers and memos pdf download - Sep 06 2023

web sep 6 2022 where to find the grade 12 accounting papers and memos 2021 2022 this grade 12 accounting past papers and memos pdf 2021 has been compiled from the

cbse class 12 accountancy previous year papers with - Nov 15 2021

accounting exam papers and study material for grade 12 - May 22 2022

web feb 15 2023 accounting grade 12 november 2022 exam question papers with memos that contain answers for revision for paper 1 and paper 2 the papers are in a pdf