

CANDIDATE
NAME

CENTRE
NUMBER

--	--	--	--	--

CANDIDATE
NUMBER

--	--	--	--

SCIENCE

Paper 1

SPECIMEN PAPER

1113/01

For Examination from 2014

45 minutes

Candidates answer on the Question Paper.

Additional Materials:

Pen
Pencil
Ruler

Calculator

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a soft pencil for any diagrams, graphs or rough working.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer all questions.

You should show all your working in the booklet.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

The total number of marks for this paper is 50.

This document consists of 16 printed pages.

Final Exam Life Science Paper 1 For 2014

AN Whitehead



Final Exam Life Science Paper 1 For 2014:

Recognizing the habit ways to acquire this book **Final Exam Life Science Paper 1 For 2014** is additionally useful. You have remained in right site to begin getting this info. get the Final Exam Life Science Paper 1 For 2014 link that we have enough money here and check out the link.

You could buy guide Final Exam Life Science Paper 1 For 2014 or acquire it as soon as feasible. You could quickly download this Final Exam Life Science Paper 1 For 2014 after getting deal. So, subsequently you require the book swiftly, you can straight acquire it. Its therefore no question simple and therefore fats, isnt it? You have to favor to in this tune

https://old.whatgoodnews.com/book/book-search/default.aspx/Found_American_Publication_Education.pdf

Table of Contents Final Exam Life Science Paper 1 For 2014

1. Understanding the eBook Final Exam Life Science Paper 1 For 2014
 - The Rise of Digital Reading Final Exam Life Science Paper 1 For 2014
 - Advantages of eBooks Over Traditional Books
2. Identifying Final Exam Life Science Paper 1 For 2014
 - 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 Final Exam Life Science Paper 1 For 2014
 - User-Friendly Interface
4. Exploring eBook Recommendations from Final Exam Life Science Paper 1 For 2014
 - Personalized Recommendations
 - Final Exam Life Science Paper 1 For 2014 User Reviews and Ratings
 - Final Exam Life Science Paper 1 For 2014 and Bestseller Lists
5. Accessing Final Exam Life Science Paper 1 For 2014 Free and Paid eBooks

- Final Exam Life Science Paper 1 For 2014 Public Domain eBooks
 - Final Exam Life Science Paper 1 For 2014 eBook Subscription Services
 - Final Exam Life Science Paper 1 For 2014 Budget-Friendly Options
6. Navigating Final Exam Life Science Paper 1 For 2014 eBook Formats
- ePub, PDF, MOBI, and More
 - Final Exam Life Science Paper 1 For 2014 Compatibility with Devices
 - Final Exam Life Science Paper 1 For 2014 Enhanced eBook Features
7. Enhancing Your Reading Experience
- Adjustable Fonts and Text Sizes of Final Exam Life Science Paper 1 For 2014
 - Highlighting and Note-Taking Final Exam Life Science Paper 1 For 2014
 - Interactive Elements Final Exam Life Science Paper 1 For 2014
8. Staying Engaged with Final Exam Life Science Paper 1 For 2014
- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Final Exam Life Science Paper 1 For 2014
9. Balancing eBooks and Physical Books Final Exam Life Science Paper 1 For 2014
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Final Exam Life Science Paper 1 For 2014
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Final Exam Life Science Paper 1 For 2014
- Setting Reading Goals Final Exam Life Science Paper 1 For 2014
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Final Exam Life Science Paper 1 For 2014
- Fact-Checking eBook Content of Final Exam Life Science Paper 1 For 2014
 - 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

Final Exam Life Science Paper 1 For 2014 Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Final Exam Life Science Paper 1 For 2014 free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Final Exam Life Science Paper 1 For 2014 free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Final Exam Life Science Paper 1 For 2014 free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the

PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but it's essential to be cautious and verify the authenticity of the source before downloading Final Exam Life Science Paper 1 For 2014. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether it's classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Final Exam Life Science Paper 1 For 2014 any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Final Exam Life Science Paper 1 For 2014 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's 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's the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Final Exam Life Science Paper 1 For 2014 is one of the best books in our library for free trial. We provide a copy of Final Exam Life Science Paper 1 For 2014 in digital format, so the resources that you find are reliable. There are also many eBooks related to Final Exam Life Science Paper 1 For 2014. Where to download Final Exam Life Science Paper 1 For 2014 online for free? Are you looking for Final Exam Life Science Paper 1 For 2014 PDF? This is definitely going to save you time and cash in something you should think about. If you're trying to find them, search around online. Without a doubt, there are numerous of these available, and many of them have the freedom. However, without a doubt, you receive whatever you purchase. An alternate way to get ideas is always to check another Final Exam Life Science Paper 1 For 2014. This method for seeing exactly what may be included and adopting these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books, then you really should consider finding to assist you try this. Several of Final Exam Life Science Paper 1 For 2014 are for sale to free while some are payable. If you're not sure if the books you would like to download work with for usage

along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Final Exam Life Science Paper 1 For 2014. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Final Exam Life Science Paper 1 For 2014 To get started finding Final Exam Life Science Paper 1 For 2014, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Final Exam Life Science Paper 1 For 2014 So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Final Exam Life Science Paper 1 For 2014. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Final Exam Life Science Paper 1 For 2014, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Final Exam Life Science Paper 1 For 2014 is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Final Exam Life Science Paper 1 For 2014 is universally compatible with any devices to read.

Find Final Exam Life Science Paper 1 For 2014 :

found american publication education

forgotten coast coastal traditions of britain and ireland

forsytes pencyces others

forgotten sins

~~fortyfive and single again~~

fortress on the sun

forty years of steel an annotated discography of steel band and pan recordings 1951-1991

found.of physiological psychology-text

fortran fundamentals

~~foundations for a psychology of education~~

formirovanie gumanisticheskikh vzgliadov uchaschikhsia v deiatelnosti klabnogo rukovoditelja
foundations for spiritual education

foundations of clinical research applications to practice

fortune tellers daughter

formal specifications of programming language a panoramic primer

Final Exam Life Science Paper 1 For 2014 :

chapter 3 morphology supplemental exercises pdf - Jun 12 2023

web chapter 3 morphology supplemental exercises chapter 3 morphology supplemental exercises 2 downloaded from old restorativejustice.org on 2021 07 07 by guest and an

chapter 3 morphology supplemental exercises - Feb 08 2023

web highlight central themes in morphology as well as research exercises for each chapter understanding morphology presents an introduction to the study of word structure that

chapter 3 morphology supplemental exercises - Nov 24 2021

chapter 3 morphology supplemental exercises - Aug 14 2023

web provides exercises in morphology phonetics phonology syntax and semantics drawn from a wide variety of languages this new edition has been updated with exercises

morphology biology wikipedia - Jan 27 2022

web chapter 3 morphology supplemental exercises pdf chapter 3 morphology supplemental exercises 2 downloaded from analytics test makestories.io on by guest

chapter 3 morphology supplemental exercises copy - Oct 24 2021

chapter 3 morphology supplemental exercises pdf wrbb neu - Mar 09 2023

web discover the revelation chapter 3 morphology supplemental exercises that you are looking for it will extremely squander the time however below once you visit this web

morphology definition examples britannica - Feb 25 2022

web we allow you this proper as without difficulty as simple artifice to get those all we present chapter 3 morphology supplemental exercises and numerous book collections from

chapter 3 morphology supplemental exercises 2023 - Dec 26 2021

web file type pdf chapter 3 morphology supplemental exercises system in exercise performance topics presented include the clinical importance of body responses to

[chapter 3 morphology supplemental exercises pdf uniport edu](#) - May 11 2023

web jun 27 2023 right here we have countless book chapter 3 morphology supplemental exercises and collections to check out we additionally offer variant types and moreover

[chapter 3 morphology supplemental exercises pdf william d](#) - Sep 03 2022

web jul 4 2023 this chapter 3 morphology supplemental exercises pdf can be taken as competently as picked to act cultural psychology carl ratner 2012 12 06 this volume

[chapter 3 morphology supplemental exercises pdf uniport edu](#) - Apr 10 2023

web apr 2 2023 chapter 3 morphology supplemental exercises 1 9 downloaded from uniport edu ng on april 2 2023 by guest chapter 3 morphology supplemental

answers to exercises bloomsbury - Nov 05 2022

web answers to exercises zeki hamawand 2011 hamawand z 2011 morphology in english london continuum exercise 4 8 1 demist 2 discourtesy 3 atemporal 4

chapter 3 morphology supplemental exercises mx up edu ph - May 31 2022

web aug 16 2023 pdf chapter 3 morphology supplemental exercises free download effects of organic selenium supplement on selenium level in plasma sperm

chapter 3 morphology supplemental exercises pdf 2023 - Dec 06 2022

web chapter 3 morphology supplemental exercises pdf pages 2 21 chapter 3 morphology supplemental exercises pdf upload caliva a grant 2 21 downloaded

[chapter 3 morphology supplemental exercises](#) - Oct 04 2022

web read online chapter 3 morphology supplemental exercises lecture must be taken concurrently with the lab 13 propagation nc state extension publications cheap

chapter 3 morphology supplemental exercises borbu online - Jan 07 2023

web file name chapter 3 morphology supplemental exercises pdf size 4685 kb type pdf epub ebook category book uploaded 2023 feb 28 08 44 rating 4 6 5 from

[chapter 3 morphology supplemental exercises mx up edu ph](#) - Sep 22 2021

morphemes exercise w key chapter3 pdf plural verb scribd - Jul 13 2023

web chapter 3 morphology supplemental exercises intuitive knowledge of word structure this exercise lends itself to group

work it focuses students attention on

morphological form an overview sciencedirect topics - Mar 29 2022

web pages of chapter 3 morphology supplemental exercises a mesmerizing literary creation penned by a celebrated wordsmith readers set about an enlightening odyssey

pdf chapter 3 morphology supplemental exercises free - Apr 29 2022

web the morphological forms of alpo4 mainly depend upon the nutrient composition and the solvent in action data on the dependency of the morphological features and the

morphology review exercises for midterm1 slideshare - Jul 01 2022

web in text assignments chapter reviews and end of chapter tests assist readers in evaluating their knowledge of theory and practical application examines representations of the

chapter 3 morphology supplemental exercises ivp ucla edu - Aug 02 2022

web this chapter 3 morphology supplemental exercises as one of the most enthusiastic sellers here will unconditionally be in the middle of the best options to review cc 1 3 3 e

april kingdom ministry 2014 run oppo com my - May 31 2022

web jul 2 2023 april 26th 2018 april kingdom ministry 2014 april kingdom ministry 2014 title ebooks april kingdom ministry 2014 category kindle and ebooks pdf

publications watchtower online library - Nov 24 2021

web english publications 1950 2023 log out log in

search watchtower online library - Oct 04 2022

web april a time to be zealous for fine works 17 occurrences 2 for decades jehovah s people have been motivated to make the memorial season a time for special zeal in the

april kingdom ministry 2014 pdf free red ortax - Jan 07 2023

web april kingdom ministry 2014 pdf introduction april kingdom ministry 2014 pdf free

april kingdom ministry 2014 orientation sutd edu sg - Aug 02 2022

web april 26th 2018 april kingdom ministry 2014 april kingdom ministry 2014 title ebooks orientation sutd edu sg 1 9 april kingdom ministry 2014 april kingdom

our kingdom ministry km jw org - Jun 12 2023

web formerly used by jehovah s witnesses at their weekly theocratic ministry school service meeting and congregation bible study

our kingdom ministry 2013 2014 jw leaks - Apr 10 2023

web jan 1 2013 june may april march february january 2014 theocratic ministry school schedule december november october september

publications watchtower online library - Aug 14 2023

web bible publications meetings april schedule for week of april 14 improving our skills in the ministry being a helpful companion schedule for week of april 21

kingdom season 4 wikipedia - Dec 26 2021

web kingdom is an anime adaptation of a manga series of the same title written and illustrated by yasuhisa hara at the end of the third season s final episode a fourth season was

april kingdom ministry 2014 uniport edu ng - Jul 01 2022

web mar 28 2023 april kingdom ministry 2014 2 11 downloaded from uniport edu ng on march 28 2023 by guest the constitution for the ocean and contains the most recent

april kingdom ministry 2014 pdf full pdf tax clone ortax - Mar 09 2023

web april kingdom ministry 2014 pdf pages 3 27 april kingdom ministry 2014 pdf upload mita l robertson 3 27 downloaded from tax clone ortax org on september 3 2023 by

april kingdom ministry 2014 uniport edu ng - Sep 03 2022

web mar 2 2023 april kingdom ministry 2014 1 11 downloaded from uniport edu ng on march 2 2023 by guest april kingdom ministry 2014 getting the books april kingdom

search watchtower online library - Dec 06 2022

web here in the united states the field service report gives solid evidence of keen appreciation for the kingdom ministry entrusted to us km 7 81 p 1 kingdom ministry 1981

publications watchtower online library - Oct 24 2021

web april schedule for week of april 13 make the best use of your time in the ministry schedule for week of april 20 how to witness using a literature display schedule for

4th government of turkey wikipedia - Apr 29 2022

web background the government was formed after the previous government led by fethi okyar fell following the sheikh said rebellion the new prime minister was İsmet İnönü of the

our kingdom ministry january 2014 jw org - Jul 13 2023

web our kingdom ministry january 2014 january 2014 download options text share watchtower online library

april 14 2022 his kingdom prophecy - Jan 27 2022

web apr 14 2022 his kingdom prophecy christian prophecy prayers bible sharing updated daily resources list of authors

posted on april 14 2022 by beverly

[april kingdom ministry 2014 download only](#) - May 11 2023

web april kingdom ministry 2014 graduate research aug 22 2021 graduate research is an all in one resource for prospective and matriculated graduate students in the sciences

[14th parliament of turkey wikipedia](#) - Feb 25 2022

web 14th parliament of turkey the 14th grand national assembly of turkey existed from 11 october 1969 to 14 october 1973 1 there were 450 mps in the lower house justice

[search watchtower online library](#) - Nov 05 2022

web km 12 75 pp 3 6 kingdom ministry 1975 walking whole souled in the way of life 20 occurrences a former circuit overseer who continues in the pioneer service with his wife

april 2014 his kingdom prophecy - Mar 29 2022

web healing deliverance ministries bill subritzky e books bill subritzky pamphlets download bill subritzky videos neville salvetti deliverance materials teaching

[downloadable free pdfs april kingdom ministry 2014 pdf](#) - Feb 08 2023

web april kingdom ministry 2014 pdf if you ally dependence such a referred april kingdom ministry 2014 pdf books that will provide you worth get the completely best seller from

[blood bank management system classic creately](#) - Jan 29 2022

web blood bank management system classic by md kabir edit this template use creately s easy online diagram editor to edit this diagram collaborate with others and export results to multiple image formats you can easily edit this template using

dfd for blood bank management system data flow diagram - Aug 16 2023

web may 11 2021 the dfd data flow diagram for blood bank management system describes the overall flow of data on the project it is used to document the transformation of data input output for project development the blood bank management system dfd consists of dfd levels 0 1 and 2

blood bank management system uml diagram freeprojectz - Sep 05 2022

web mar 18 2018 this is the activity uml diagram of blood bank management system which shows the flows between the activity of stock blood blood cells patient donor the main activity involved in this uml activity diagram of blood bank management system are as follows stock activity blood activity blood cells activity

data flow diagram gs for blood bank management system - Apr 12 2023

web data flow diagram gs for blood bank management system classic by hatim edit this template use creately s easy online diagram editor to edit this diagram collaborate with others and export results to multiple image formats you

blood bank management system context diagram classic - Dec 28 2021

web blood bank management system context diagram classic by ali alsaadi edit this template use creately s easy online diagram editor to edit this diagram collaborate with others and export results to multiple image formats context diagram you can easily edit this template using creately

blood bank management system dfd levels 0 1 and 2 - Mar 31 2022

web in this data flow diagram you will see the general process done in bank management system monitoring this will also serve as a guide as you go through the deeper processes of the bank management system data flow diagrams

blood bank management system dataflow diagram freeprojectz - Jul 15 2023

web apr 21 2017 blood bank management system data flow diagram is often used as a preliminary step to create an overview of the blood bank without going into great detail which can later be elaborated it normally consists of overall application dataflow and processes of the blood bank process

level 1 dfd blood bank management system classic creately - Feb 10 2023

web cycle diagram data flow diagram data flow diagrams yc database diagram deployment diagram uml entity relationship diagram family tree fishbone ishikawa diagram flowchart gantt chart infographics ios mockups

blood bank management system dfd levels 0 1 2 studocu - Jun 02 2022

web in this data flow diagram you will see the general process done in blood bank management system monitoring this will also serve as a guide as you go through the deeper processes of the blood bank management system data flow diagrams

blood bank management system uml diagrams - Aug 04 2022

web jan 3 2022 blood bank management system dfd data flow diagram as addition to the diagrams that will be a big help in doing your project is the dataflow diagram it does not belong to the uml diagrams but it also helps in knowing more about the blood bank management system

full report on blood bank management system slideshare - Jul 03 2022

web may 1 2018 1 in this report a student is able to get all the details of blood bank management system 2 all the data flow diagram is well explained full report on blood bank management system 1 of 45 download now viewers also liked 20 blood bank management system rajendraprasad361 9 8k views report on smart blood bank

pdf blood management system researchgate - Dec 08 2022

web oct 1 2022 pdf the blood bank management system bbms is an application that stores processes retrieves and analyses data about blood bank administration it find read and cite all the research

blood bank management system dfd levels 0 1 and 2 - Jun 14 2023

web in this data flow diagram you will see the general process done in blood bank management system monitoring this will

also serve as a guide as you go through the deeper processes of the blood bank management system data flow diagrams

blood bank management system au - Jan 09 2023

web 10 1 data flow diagram dfd 17 22 10 7 entity relationship diagram erd 23 10 1 context diagram of blood bank management system 17 10 2 level 0 of blood bank management system 18 the system is able to record data of whole blood which is sent from the hospital 8

pdf blood bank management system lov kumar academia edu - May 01 2022

web further we include geographic information system gis in the mobile application where the data is transmitted between mobile application and the website through wireless network the web based android application is readily scalable efficient and adaptable to meet the complex need of blood bank who is key facilitators for the healthcare sector

blood donation management system with dfd e r diagram - Nov 07 2022

web present blood donation management system with dfd e r diagram bibt learn about prezi hh hasib hosen updated april 25 2017 transcript chens model crow foot model shurjomukhi blood bank data flow diagram dfd types of e r diagram e r diagram chen s diagram crow foot diagram outline problem

dfd for blood bank management netz data flow diagram - Feb 27 2022

web dfd diagram for blood bank management system the dfd data ablauf diagram for blood hill company system describes the overall flow of your on the get it a exploited to document the transformed of data input output for project development an blut bank management regelung dfd consists of dfd levels 0 1 and 2 it also possible entities

github abhishekgirkar software engineering lab blood bank - Oct 06 2022

web blood bank management system srs flow diagrams like activity digram swimlane diagram data flow digram etc github abhishekgirkar software engineering lab blood bank management system srs

blood bank management and inventory control database - Mar 11 2023

web jan 1 2022 this paper presents a detailed approach for an efficient blood bank database management system the database is the single most useful setting for caching data and it is also an ideal tool for contriving managing updating and

online blood bank system design slideshare - May 13 2023

web mar 1 2016 data flow diagram notations you can use two different types of notations on your data flow diagrams 1 process notations process a process transforms incoming data flow into outgoing data flow 2 data store notations data store data stores are repositories of data in the system