



Computer Science

First Stage 2019-2020 1st Semester

Lecture 1 Computers and Pharmacy

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Outline

- Computers & Pharmacy
- Computers
- Operating Systems
- Computer Applications
- Microsoft Windows 7
- Microsoft Office 2010



Computers & Pharmacy





Computers and Pharmacy

- Computers in pharmacy are used for the information of drug data, records and files, drug management, and business details.
- Computers are widely used in hospital pharmacy, new drug discovery, drug design analysis, and manufacturing of drugs.
- Using the computers are useful for the patient profile monitoring.
- The computers can help run the business operations efficiently.



Computers & Pharmacy

Computers and Pharmacy

- Applications of Computers in Pharmacy:
 - Usage of computers in the retail pharmacy
 - Computer aided design of drugs (CADD)
 - Use of Computers in Hospital Pharmacy
 - Data storage and retrieval
 - In Research Publication
 - Digital Libraries
- Accuracy, speed, multitasking, reduction in time and man power are the main advantages of computers in pharmacy.



Computers & Pharmacy

Computers

- Computers are machines that perform tasks or calculations according to a set of instructions, or programs.
- The first fully electronic computers, introduced in the 1940s



• Desktop computer, Laptop computer/notebook, Tablet computers (iPad), and Smartphones (iPhone, Blackberry) are the types of the computers.

• Computers are consist of (Hardware and Software)



Computers

- Hardware(H\W):
 - Computer hardware generally consists of mostly metal parts with electronic circuitry and wiring.
 - Central Processing Unit (CPU), Memory, Input device, and Output device are the key elements of the hardware.
- Software(S\W):

- Software is the entire set of programs and procedures associated with a computer.
- Operating system software and Applications software are the forms of software.



Computers



Computers & Pharmacy

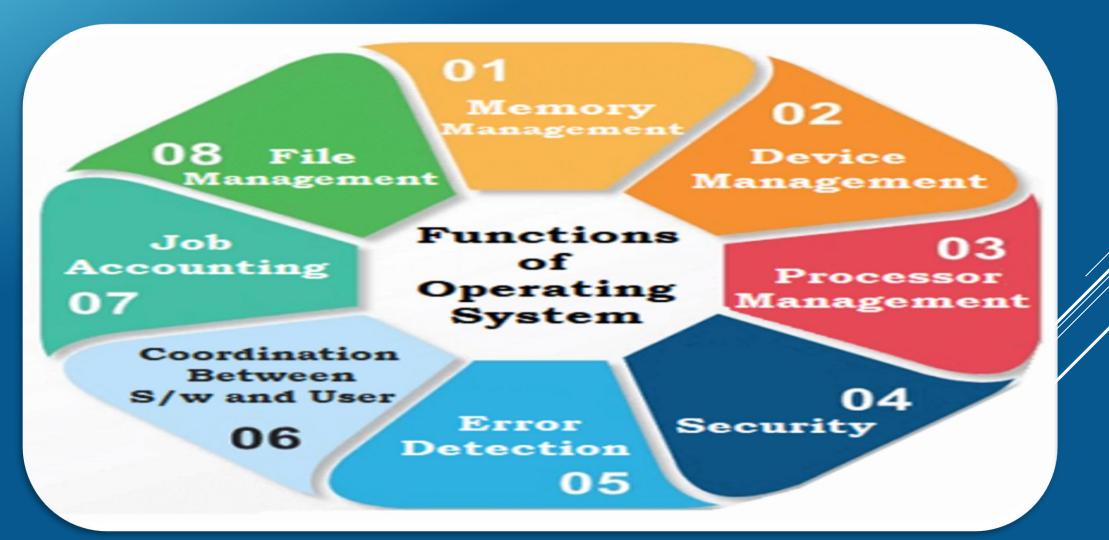


Operating Systems

• Operating system (OS) is a system software that manages computer hardware and software resources and provides common services for computer programs.



Operating Systems





Computer Applications

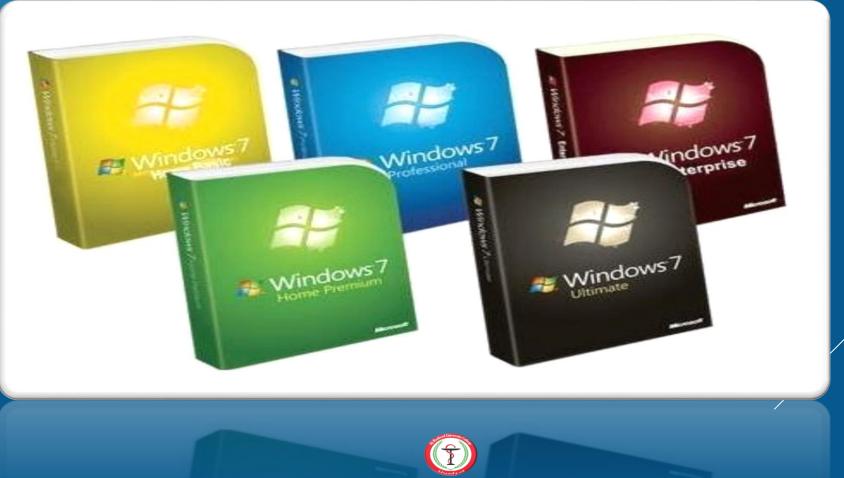
- Application software is sometimes referred to as software applications, applications, or programs.
- Designed to help users perform particular tasks, such as word processing, spreadsheets, or creative computer painting.
- Business, E-commerce, Education, Medical, Science and etc... are the types of computer applications.
- Word, Excel, PowerPoint, and Paint are all examples of application software.





Microsoft Windows 7

• Windows 7 is the advanced Windows operating system for business PCs.



Computers & Pharmacy











To open any file, folder or application on the desktop, you have to click twice on it.





Computers & Pharmacy

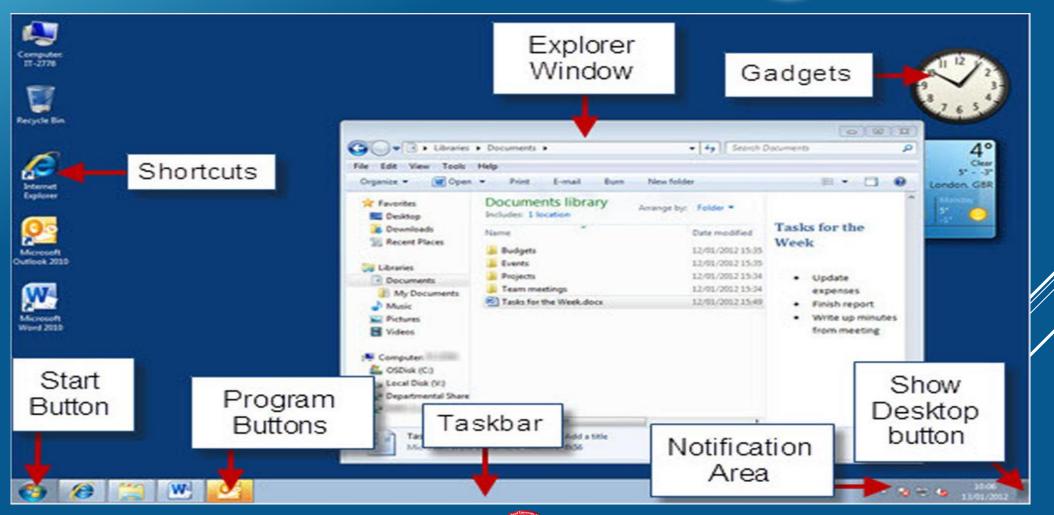
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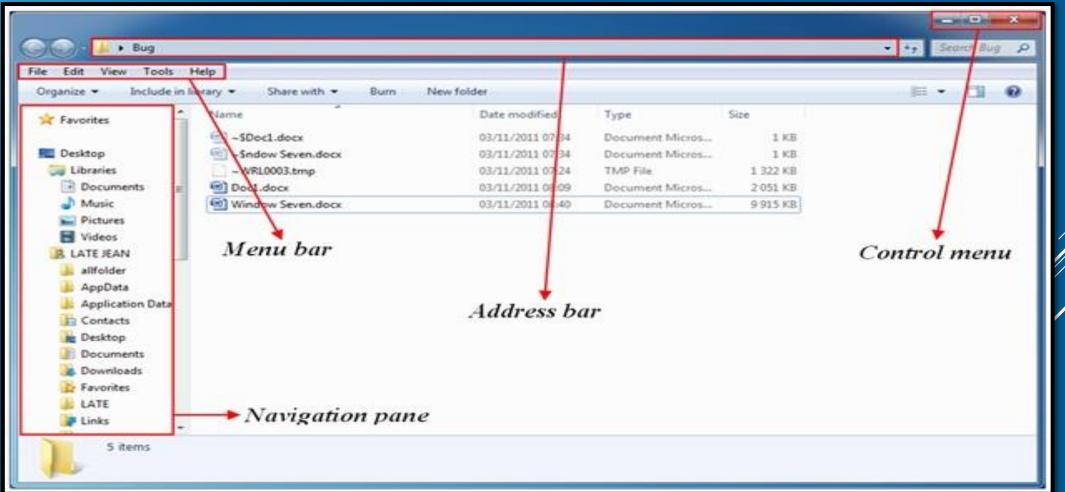


Microsoft Windows 7



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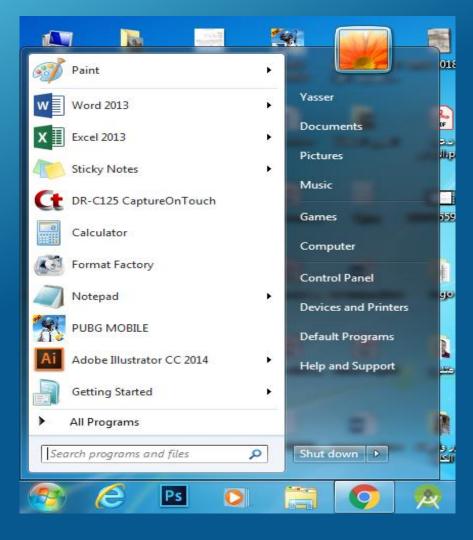
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Computers & Pharmacy

Microsoft Windows 7





There are two ways to open the start menu:

1- By moving the pointer and click once on start



2- On the keyboard click on windows key







Microsoft Windows 7





To **shut down** the computer: 1- open the start menu 2- click on Shut down D

To **Restart** the computer: 1- open the start menu 2- click on hidden menu 3- choose **Restart**.



To Hibernate the computer:
1- open the start menu
2- click on hidden menu
3- choose Hibernate.





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Lecture 1

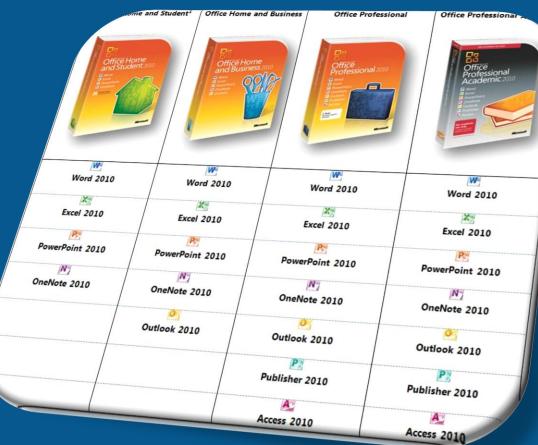
To connect to the home wireless network, move the pointer to the notifications area and click on **-----** then choose your home network and enter its password.

Wireless networks connection



Microsoft Office 2010

- Microsoft Office 2010 is a comprehensive system of programs, servers, services, and solutions.
 - Office Home and Student 2010
 - Office Home and Business 2010
 - Office Standard 2010
 - Office Professional 2010
 - Office Professional Plus 2010





Computers & Pharmacy

Microsoft Office 2010

- Microsoft Office 2010 Includes:
 - Microsoft word
 - Microsoft Power Point
 - Microsoft Excel
 - Microsoft Access
 - Microsoft Outlook
 - Microsoft OneNote
 - Microsoft Publisher







• To run Microsoft Office programs, you may follow the following steps:

