Introduction to Computer Applications

CISY 1225 Chapter 2

Zahoor Khan, PhD

Last updated: June 2014



Final Computer Exam

- Total Points: 30
- June 16, 2014 on Monday
 - Start at lecture time
 - In class LA278
 - On MyITLab
- Chapters 5 to 12 (inclusive)
 - All exercises discussed in MyITLab
 - Practice MyITLab exercises and projects

Final Written Exam

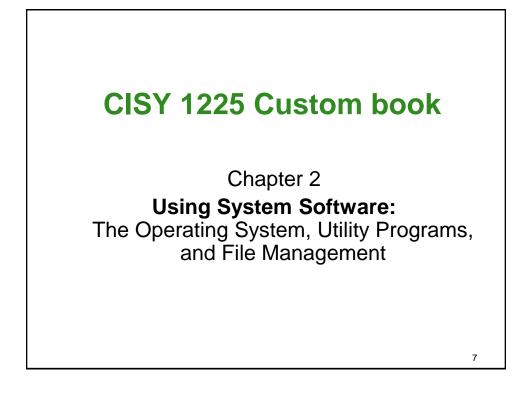
- June 18, 2014 (Wednesday)
- Start at lecture time
- In class LA278

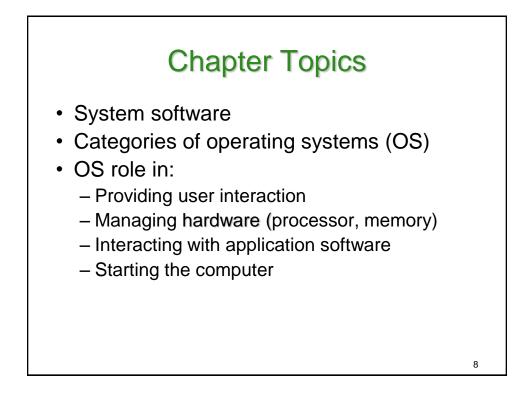
Final Exam material

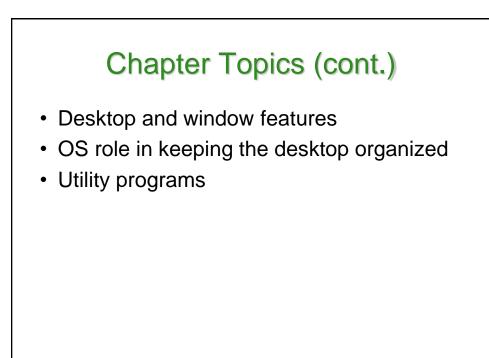
- Total Points 30
- Textbook
 - Full chapters 1, 2, 4, 5, 6, 9, 10
- Similar to in-class exams – MCQs

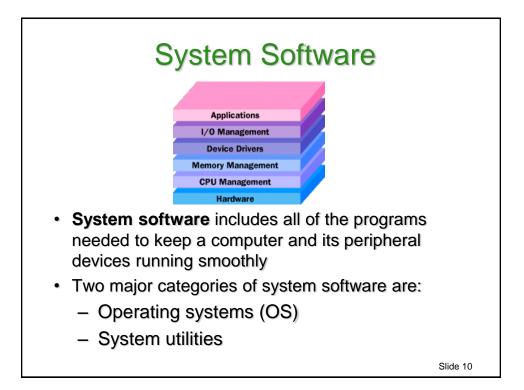
Projects and Exercises

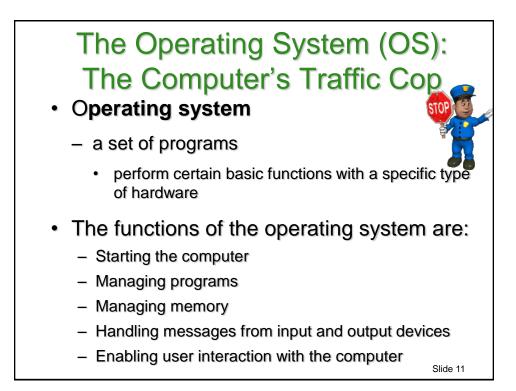
- Due date
 - June 16, 2014
 - Before Computer Exam
 - 8:45am morning

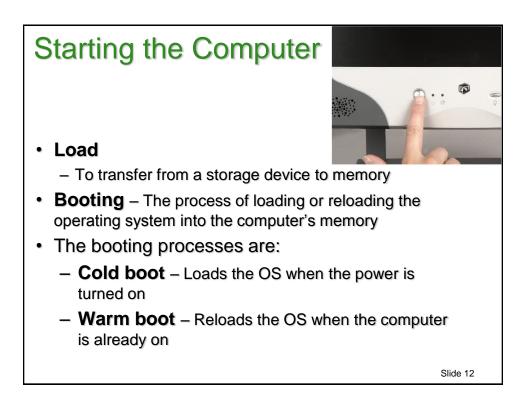








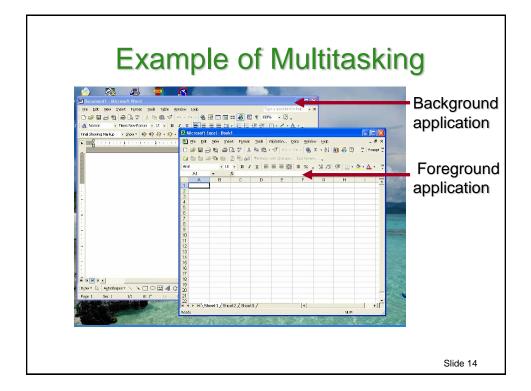




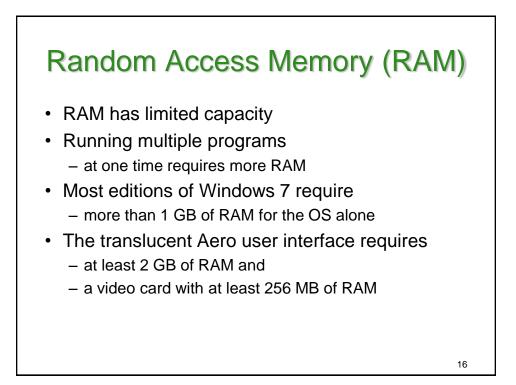
Managing Applications

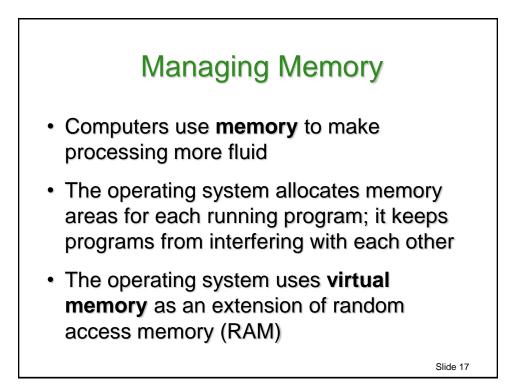
- Single-tasking operating systems run one application program at a time
- Multitasking operating systems have the ability to run more than one application program at a time
- Multitasking is accomplished by:
 - A foreground application The active program or program in use
 - One or more background applications Inactive program(s) or program(s) not in use

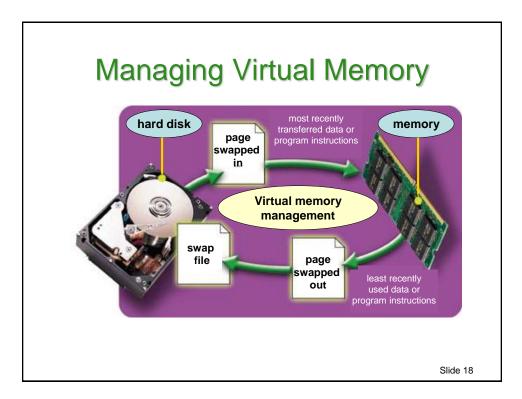
Slide 13

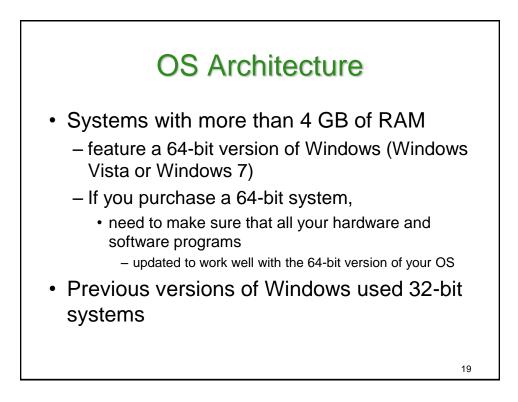


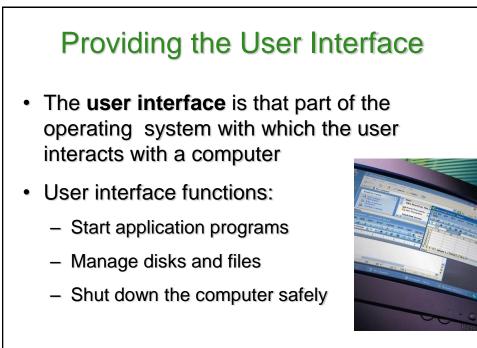




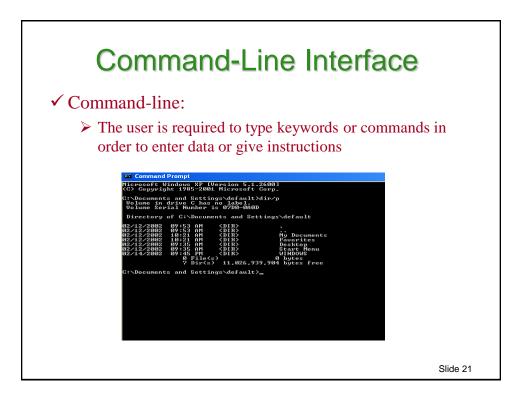


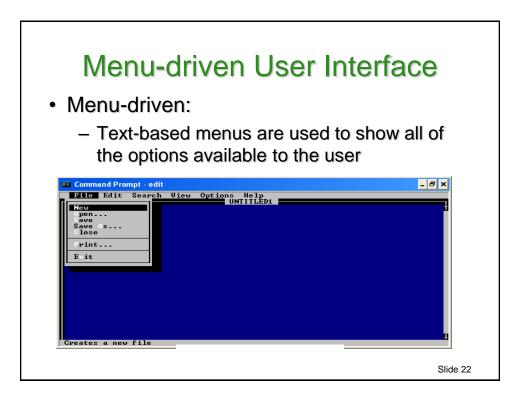


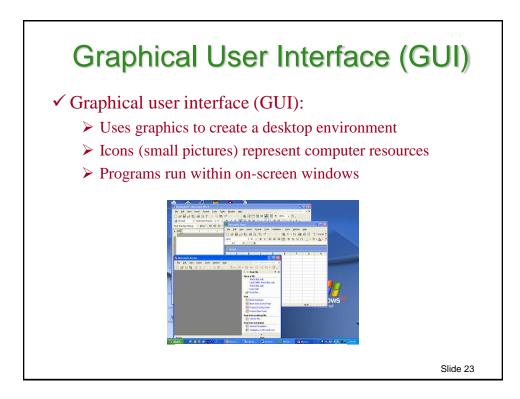


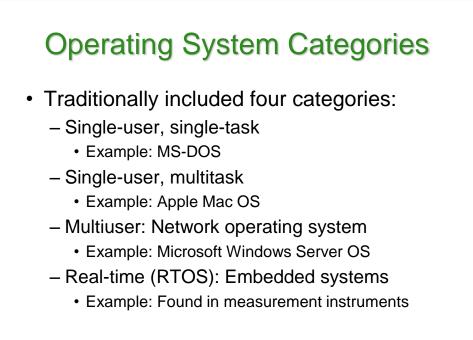


Slide 20



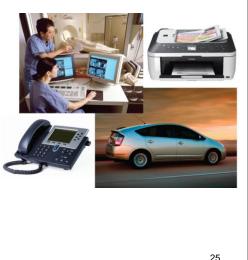


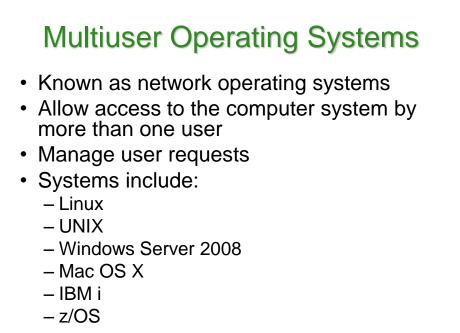




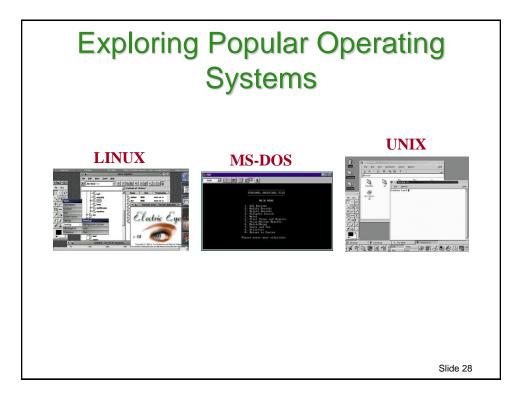
Real-Time Operating Systems

- Systems with a specific purpose and a certain result
- Uses include:
 - Automobiles
 - Printers
 - VoIP phones
 - Medical devices
 - Appliances
 - Robotic equipment







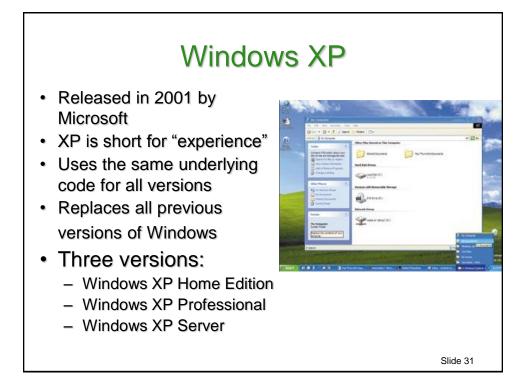


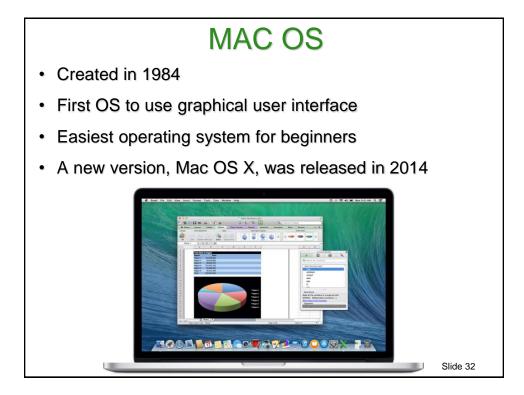
Microsoft Windows

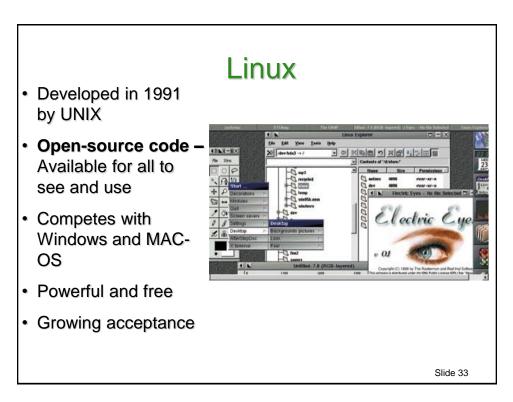
- Multiuser, multitasking OS
- Windows 8 is the newest version
- Features
 - Increased functionality
 - User-friendliness
 - Improved Internet capabilities
 - Enhanced privacy and security

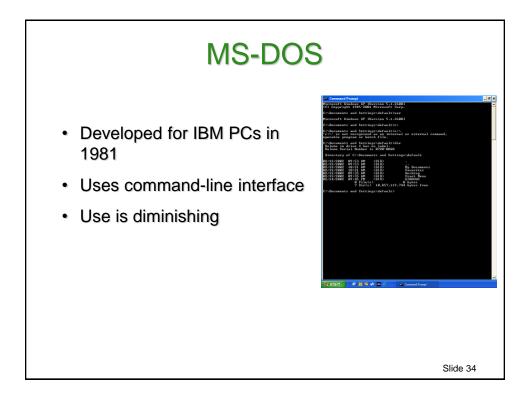
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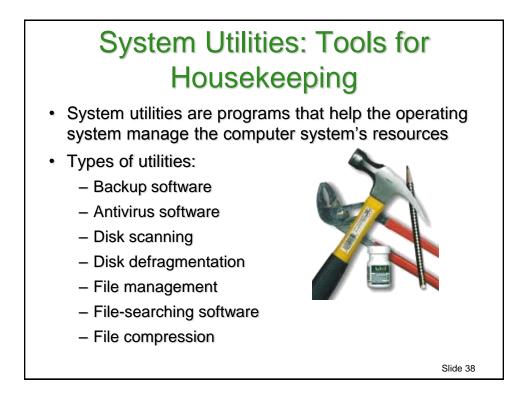
UNIX

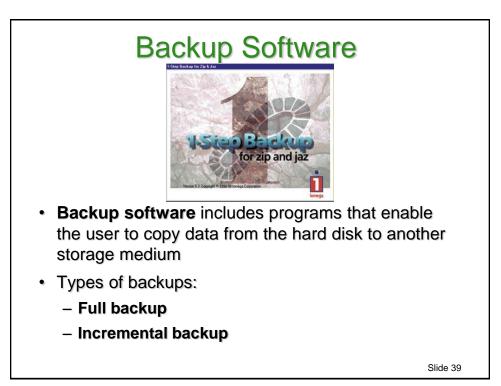
- Developed by AT&T in 1970s
- Included first preemptive multitasking system
- Developed concepts of file management and path names
- Facilitates client/server networking
- · Widely used by corporations

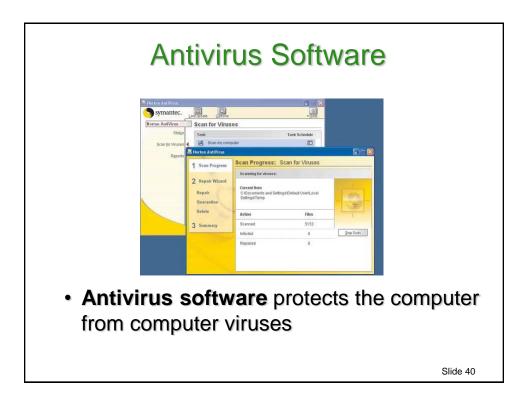


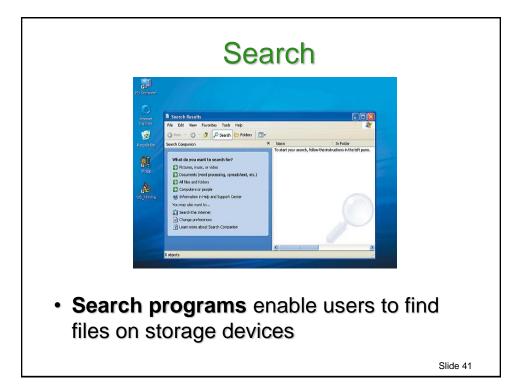
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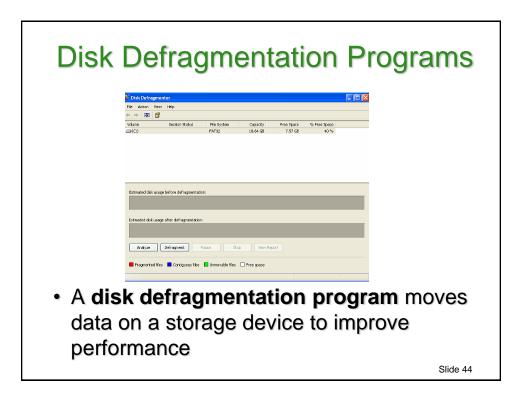


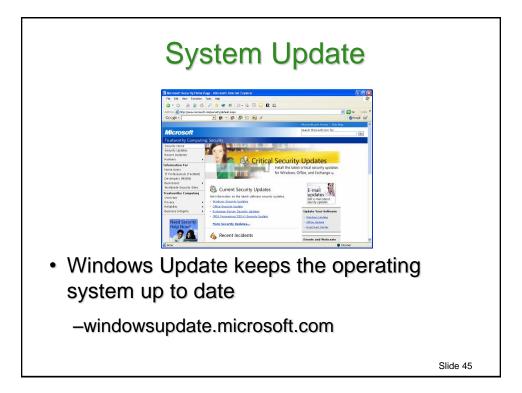


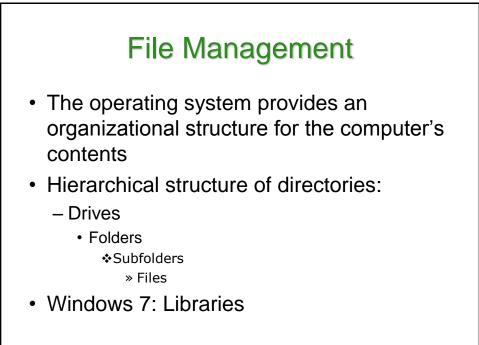


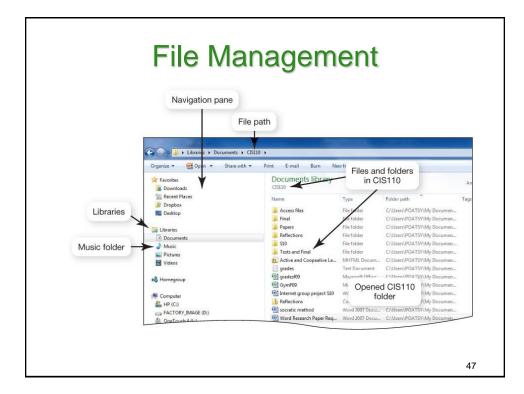


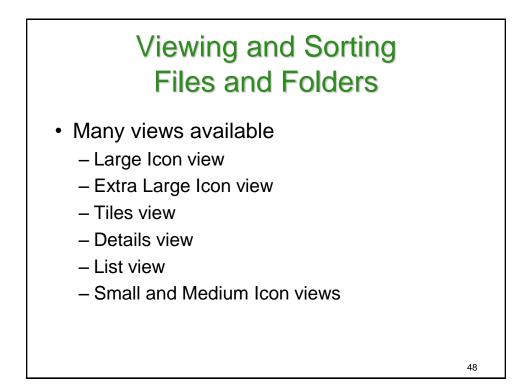
Disk Scanning Programs	
SearDink - (C;) Select the drge(s) you want to check for errors: 3' 3F Floppy (A) Toppy (A)	
Type of text	
Start Dore Advanced	
 Disk-scanning utilities are programs that detect and fix physical and logical problems on storage devices 	
Disk cleanup utilities are programs that remove files that are no longer needed Slide 43	











File Name Extensions				
Extension	Type of Document	Application		
.doc	Word processing document	Microsoft Word 2003		
.docx	Word processing document	Microsoft Word 2007 and 2010		
.wpd	Word processing document	Corel WordPerfect		
.xlsx	Spreadsheet	Microsoft Excel 2007 and 2010		
.accdb	Database	Microsoft Access 2007 and 2010		
.pptx	PowerPoint presentation	Microsoft PowerPoint 2007 and 2010		
.pdf	Portable Document Format	Adobe Acrobat or Adobe Reader		
.rtf	Text (Rich Text Format)	Any program that can read text documents		
.txt	Text	Any program that can read text documents		
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File Name Extensions (cont.)

Extension	Type of Document	Application
.htm or .html	Hyper Text Markup Language for a Web page	Any program that can read HTML
.jpg	Joint Photographic Experts Group (JPEG) image	Most programs capable of displaying images
.gif	Graphic Interchange Format (GIF) image	Most programs capable of displaying images
.bmp	Bitmap image	Windows
.zip	Compressed file	WinZip

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