

- Chapter 5
- Most operating systems today use a _____ user interface.
 - Graphical-based
- Rearranging the data on the hard drive so all files are stored in contiguous locations is called _____.
 - Disk defragmentation
- During the boot process, the essential portion, or core, of the operating system (called the _____) is loaded into memory.
 - kernel
- Most operating systems have security features available, such as an integrated _____ to protect against unauthorized access via the Internet.
 - firewall
- _____ refers to the ability of an operating system to work with more than one program at one time.
 - Multitasking
- _____ is the most widely used mobile operating system worldwide.
 - Android
- During the 1980s, _____ was the dominant operating system for microcomputers.
 - DOS(Disk operating System)
- _____ runs in the background at all times, making it possible for you to use your computer.
 - System Software
- The means by which an operating system or any other program interacts with the user is called the _____.
 - User interface
- Most operating systems have security features available, such as an option to automatically download and install _____ from the operating system's manufacturer on a regular basis.
 - Security patches
- An important task that the operating system performs is _____, which keeps track of the files stored on a computer so that they can be retrieved when needed.
 - File management
- _____ was originally developed in the late 1960s at AT&T Bell Laboratories as an operating system for midrange servers.
 - UNIX

- Using the _____ option of the File menu to create a copy of the document before editing the document is a good idea, so you can return to the original version, if needed.
 - Save As
- The ____ boots the computer, launches application software programs, and ensures that all actions requested by a user are valid and processed in an orderly fashion.
 - Operating system
- System software is usually divided into two categories: operating system software and ____ programs.
 - utility
- The operating system uses a file's _____ to identify the program that should be used to open the file.
 - File extension
- A ____ is an area in RAM or on the hard drive designated to hold input and output on their way in or out of the system.
 - Buffer
- Accessing virtual memory is _____ than accessing RAM.
 - slower
- _____ is an operating system developed by Linus Torvalds in 1991 when he was a student at the University of Helsinki in Finland. It is an open-source operating system.
 - Linux
- The documents waiting to be printed are said to be in a(n) _____, which designates the order the documents will be printed.
 - Print queue
- Filenames typically include a ____ at the end of the filename.
 - File extension
- Apple has two major operating systems, one for desktops and laptops, and one for mobile phones. The Apple operating system for mobile phones is _____.
 - iOS
- With a ____, as shown in the accompanying figure, icons, buttons, menus, and other objects are selected with the mouse to issue commands to the PC.
 - Graphical user interface
- One memory management technique frequently used by operating systems is _____ memory which uses a portion of the computer's hard drive as additional RAM.
 - virtual
- _____ includes all the programs that allow a user to perform specific tasks on a computer, such as writing a letter.
 - Application software

- Small programs called ____ are used to communicate with peripheral devices, such as monitors, printers, and scanners.
 - drivers