

UNIT 5. TASKS AFTER 5A

Task 1. Fill in the blanks with the words from the box.

interface, supervisor, manage, memory, package, software, drives, interface, nonresident, command driven

1. An applications software _____ does not communicate directly with the hardware. 2. Between the applications software and the hardware is a software _____ – an operating system. 3. The most important program in the operating system is the _____ program, most of which remains in memory. 4. An operating system has three main functions: 1) _____ the computer resources, such as the central processing unit, _____, disk _____ and printers, 2) establish a user _____, and 3) execute and provide services for applications _____. 5. Unix is a _____ operating system used in all sizes of computers. 6. Programs that only stay in memory while they are being used are known as _____ programs.

Task 2. Match the terms in Table A with the statements in Table B. Write a letter.

Table A		Table B
1. operating system		a. The hardware or software that connects two systems and allows them to communicate with each other.
2. interface		b. A popular multi-user multi-tasking operating system originally designed for mainframe computers. A wide variety of versions exist.
3. applications (program or software)		c. The set of programs that controls the basic functions of a computer and provides communication between the application programs and the hardware.
4. Unix		d. A computer program designed to be used for a particular purpose, e.g. a wordprocessor, spreadsheets or database program.
5. menu		e. A type of application program with an array of cells that is used for calculating formulas.
6. spreadsheet		f. A list of options displayed on a computer screen.
7. swipe card		g. An application program or collection of programs that can be used in different ways.
8. word processor		h. A type of computer application program used for typing and editing text documents.
9. software package		i. A plastic card with a magnetic strip running across it containing confidential data.

Task 3. Complete the gaps in this summary of the text on operating systems using these linking words and phrases.

although because in addition such as but therefore

The user is aware of the effects of different applications programs _____ operating systems are invisible to most users. They lie between applications programs, _____ wordprocessing, and the hardware. The supervisor program is the most important. It remains in memory, _____ it is referred to as resident. Others are called non-resident _____ they are loaded into memory only when needed. Operating systems manage the computer's resources, _____ the central processing unit. _____, they establish a user interface, and execute and provide services for applications software. _____ input and output operations are invoked by applications programs, they are carried out by the operating system.

Task 4. Problem-solving: try to find the commands from the lists below which will have these actions.

VMS: help, directory, search, copy, rename, print, show users, show time, create/directory, phone, delete

Unix: write, cp, lpr, ls, mkdir, date, rm, man, grep, rwho, mv

Action	VMS command	Unix command
List all the files in a directory		
Delete a file		
Rename a file		
Copy a file		
Send a file to a printer		
Obtain help		
Create a directory		
Show date and time		

Show users on system		
Talk to other users on system		
Search for a string in a file		