



ST670/10 Part 2
Investigating Computers
Student Workbook

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Scantek 2000 - A division of LJ Technical Systems.

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Assignment 6 Software Installation

Rearrange the following into the order they would be performed when installing an operating system:

- | | |
|-----------------------------------|---------|
| 1. Choose Installation type | 1. |
| 2. Install hardware drivers | 2. |
| 3. Enter license code | 3. |
| 4. Boot Computer from Floppy Disk | 4. |
| 5. Format Drive | 5. |
| 6. Run Setup from CD | 6. |
| 7. Choose Installation directory | 7. |

Assignment 7 Window's Boot-Up Sequence

List the hardware that is checked and found during the POST on the computer in the CAI:

1.
2.
3.
4.
5.
6.

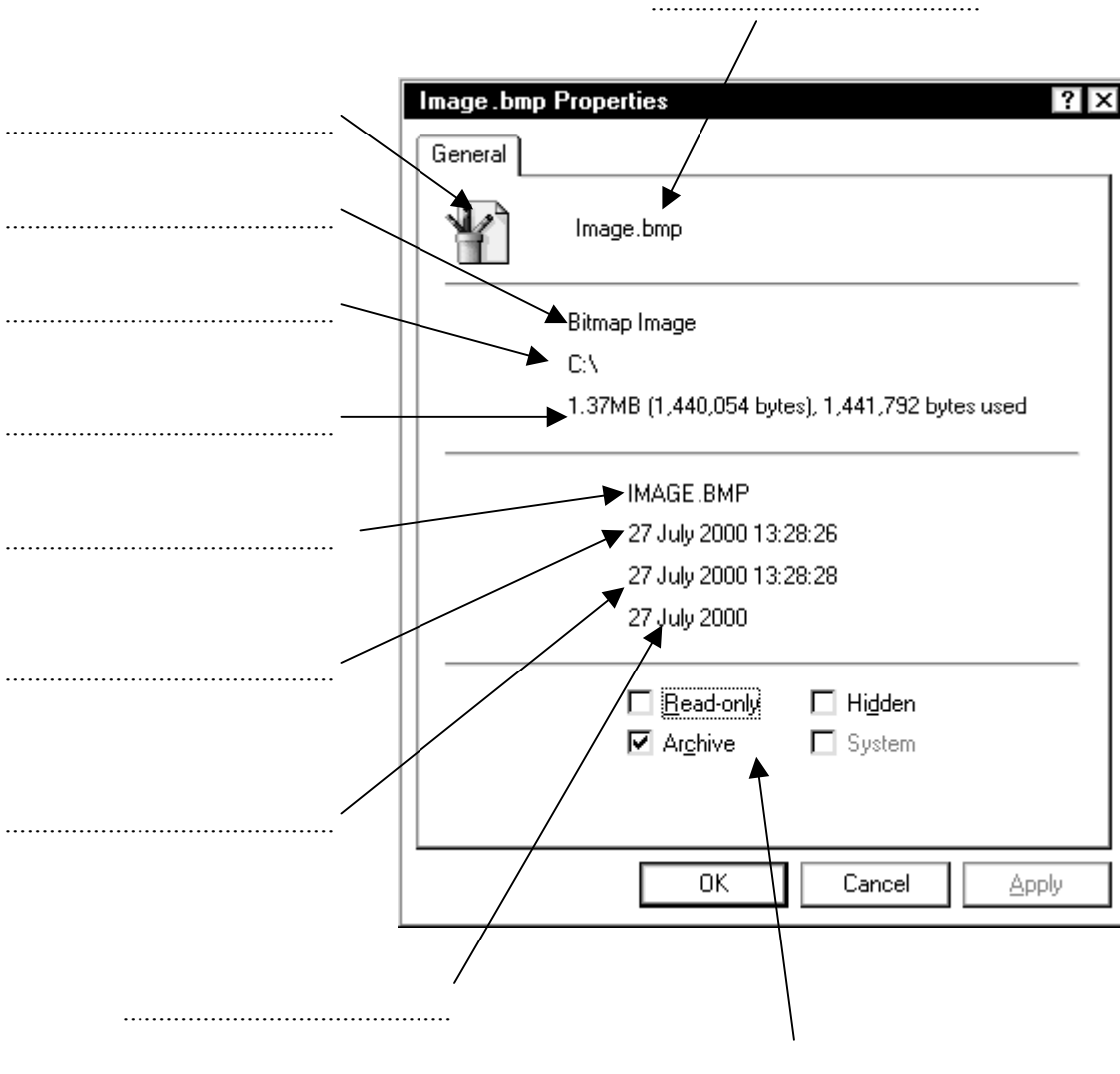
Assignment 8 How Windows Works

Complete the following sentences relating to Windows:

1. The stores data which is used for copying and pasting.
2. The two main types of memory in a computer are known as and
3. Virtual memory is stored on the computer's
4. allows the user to edit an object in a file using the application the object is associated with by default.

Assignment 9 Windows File Management

Complete the labels showing the parts of the Windows file properties window.



Assignment 10 *Problem Solving: Selecting Operating Systems*

Complete the following design brief:

My design brief is to

.....

.....

.....

Complete the following table using the information present in the On Screen Manual:

When completing this table you can check more than one box in any of the columns. Operating systems with general requirements do not require any checks in the Features Required column.

Computer	RAM (in MB)	Features Required (✓ the box)			Possible Operating System (✓ the box)						Chosen
		H	M	S	98	NT	NT S	2000	2000 S	Linux	
Technical Authoring											
Multimedia Computer											
Admin Computer											
Department Server											
Intranet Server											

Table 10.1: Department Specification Table

(H = High Stability; M = Good Multimedia Support; S = Server Operating System; 98 = Windows 98; NT = Windows NT; NT S = Windows NT Server; 2000 = Windows 2000 Professional; 2000 S = Windows 2000 Server)

Complete the following table showing the features of each operating system:

Operating System	Recommended RAM Needed	High Stability	Good Multimedia Support	Server Operating System	Cost Per Unit (in \$)
Microsoft Windows 98					
Microsoft Windows NT Workstation					
Microsoft Windows NT Server					
Microsoft Windows 2000					
Microsoft Windows 2000 Server					
Linux					

Table 10.2: Operating System Features Table

(✓ in the required boxes)

Complete the following table showing your final solution to the operating system problem:

Computer	Operating System	Quantity	Cost per Item (in \$)	Total Cost (in \$)	Operating System Review	Total Cost (in \$)
Technical Authoring						
Multimedia Computer						
Admin Computer						
Department Server						
Intranet Server						
Total					New Total	

Table 10.3: Solution Analysis Table

After reviewing and changing some operating systems the final total cost is: \$