



Investigating the Internet

10 Hour - Part 2

Student Workbook

Issue: US690/10/2b-IQ-0101A



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Assignment 6 Clients, Servers, and Search Engines

The text below refers to the way in which a caching server helps to improve performance. Write the correct missing words in the spaces provided:

A caching server helps to.....the speed at which information is retrieved. Frequently accessed.....are held in storage (in a).requests for a page are met from the..... thereby.....the time to display the information and..... the amount of Internet traffic.

Write below the names of the search engine, search strings and matches at steps 5 and 6 of Task 4:

Step	Search engine used	Search string used	No. of matches
Example	Northernlight	"olympic games"	44,417
Example	Northernlight	"olympic games" salt bobsleigh	150
Step 5			
Step 5			
Step 6			
Step 6			

Assignment 7 Business and the Internet

Write two examples of how the Internet can be used to add value to the operation of a business:

- 1)
- 2)

Write in the full URL of the bank or financial institution that you accessed in Task 3:

Write in the full URL of the entertainment site (or similar), that you accessed in Task 3:

A partial URL is shown below for a fictitious secure on-line banking Web site. Add the correct characters to the front of the address shown below:

.....://www.my bank/on line banking/

Assignment 8 *Web Page Presentation*

Write the size in bytes of a GIF image and the size in bytes of a JPEG image that you have found.

Image Type	Size	Image Type	Size
GIF		JPEG	

Complete the table below by adding a name in the left-most column to correspond with the feature described in the right-most column. Select the names from the following list:

GIF HTML VBScript Macromedia Flash JPEG

Web Page Content	
Name	Purpose
	Presents text in different fonts and colors.
	Frequently used for logos and banners.
	Works well on photographs.
	Scripting language used to add drop down menus and open new windows.
	A plug-in.

Assignment 9 *Business in the Global Marketplace*

Complete the table in your workbook by writing in the Web address of a web site you visited appropriate to the description given:

Type of Web site	Address
Consumer focused	
Business focused	
On-line auction site	

Write the name of the artist or author that you researched for copyrighted materials. Also write the number of works that had been copyrighted:

Artist:

Number of copyrighted works:

Assignment 10 *Keeping it all Going!*

Write three precautions that a network administrator could take to prevent, or minimize, disruption caused by physical damage to computer equipment:

- 1)
- 2)
- 3)

Write below three potential sources of a virus infection:

- 1)
- 2)
- 3)

Write the missing words in the text below referring to the steps taken to help protect the Bright Valley Campus network from the threat from hackers:

The network administrator has created a
for those parts of the network that are accessible to the
This is a combination of hardware and software such as the,
....., and access control lists.
The network administrator has also installed a piece of software that.....
and.....access to the network.