Name: Class:

Task 1

Load a browser of your choice.

Take screenshots of each of the features listed in the table below and paste them into the appropriate part of the table.

For each feature, explain the purpose of the feature.

To take screenshots of sections of the browser on Microsoft Windows press Windows-Shift-S.

|  |  |  |
| --- | --- | --- |
| **Feature** | **Screenshot** | **Purpose** |
| Storing bookmarks / favourites |  |  |
| Browsing history |  |  |
| Tabbed browsing |  |  |
| Navigation tools |  |  |
| Address bar |  |  |

Task 2

Complete the table below by ticking whether each statement is true or false.

|  |  |  |
| --- | --- | --- |
| **Statement** | **True** | **False** |
| The Internet is the network infrastructure. |  |  |
| Voice over IP (VoIP) is a separate service for voice calls that doesn’t rely on the Internet. |  |  |
| The World Wide Web is one service that makes use of the Internet. |  |  |
| FTP is a protocol for sharing files via the Internet. |  |  |
| The World Wide Web is another name for the Internet. |  |  |

Task 3

Each of the following tables shows a Uniform Resource Locator (URL). For each one, identify the protocol, domain name and web page or file that is being referred to.

**URL 1:**

|  |  |
| --- | --- |
| URL | <https://www.mywebsite.org/index.html> |
| Protocol |  |
| Domain name |  |
| Web page or file |  |

**URL 2:**

|  |  |
| --- | --- |
| URL | <https://www.duckduckgo.com/assets/logo_homepage.normal.v108.svg> |
| Protocol |  |
| Domain name |  |
| Web page or file |  |

**URL 3:**

|  |  |
| --- | --- |
| URL | <https://en.wikipedia.org/wiki/url.html> |
| Protocol |  |
| Domain name |  |
| Web page or file |  |

**URL 4:**

|  |  |
| --- | --- |
| URL | <http://microsoft.com/index.html> |
| Protocol |  |
| Domain name |  |
| Web page or file |  |

Task 4

Browsers render web pages written in HTML.

Go to: <https://www.w3schools.com/tryit/tryit.asp?filename=tryhtml_hello>

(a) Create the following HTML:

|  |
| --- |
| <html>  <body>  <h1>This is a heading</h1>  <p>This is a paragraph.</p>  </body>  </html> |

The following is used to create an ordered list:

|  |
| --- |
| <ol>  <li>Item 1</li>  <li>Item 2</li>  <li>Item 3</li>  </ol> |

(b) Add this ordered list to the HTML after the paragraph of text, but before the body end tag.

(c) Show how the browser renders the ordered list.

|  |
| --- |
|  |

(d) What happens if the ordered list is changed to an unordered list by replacing <ol> and </ol> with <ul> and </ul> respectively?

(e) Now make a simple web page about your hobbies, interests, sports or facts such as world records.

Your page needs to contain at least one list, heading and paragraph.

(f) Copy the text used to create the page into a text editor such as Notepad.

Save the html as “page1.html” (make sure you use quote marks when saving so that the html extension is also saved).

Now open the page in two different browsers. Explain any differences in the rendering of the web page.