

CHAPTER – 6



WWW AND WEB BROWSER

6. Introduction



Browsing the web' means accessing the Internet, via a **browser** (computer program), to locate information on the world wide **web**. There are different types of **web browser**, but they have similar features. The major **web browsers** are Internet Explorer, Google Chrome, Firefox, Opera, and Safari. Communication is an essential aspect of business life.

6.1 Objective



- ☐ Basics of computer network
- ☐ Concept of internet
- ☐ Service of Internet
- ☐ Preparing computer for internet access

6.2 Web Browsing Software

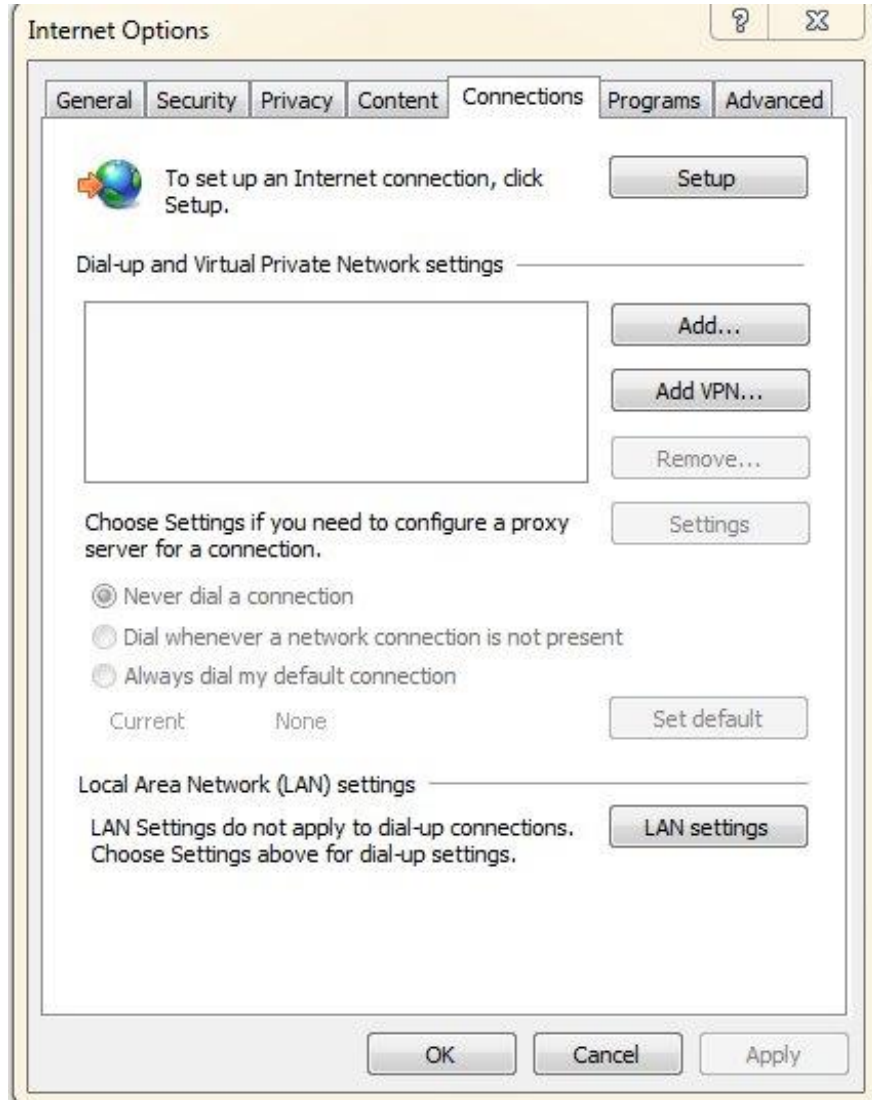


Web Browsers : Web Browsers are software installed on your PC. To access the Web, you need a web browser, A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. Each individual web page, image, and video is identified by a distinct URL, enabling browsers to retrieve and display them on the user's device.

6.2.1 Popular Web Browsers are :

- ☐ **Google Chrome**
- ☐ **Mozilla Firefox**
- ☐ **Apple Safari**
- ☐ **Microsoft Internet Explorer**
- ☐ **Microsoft Edge**
- ☐ **Opera**

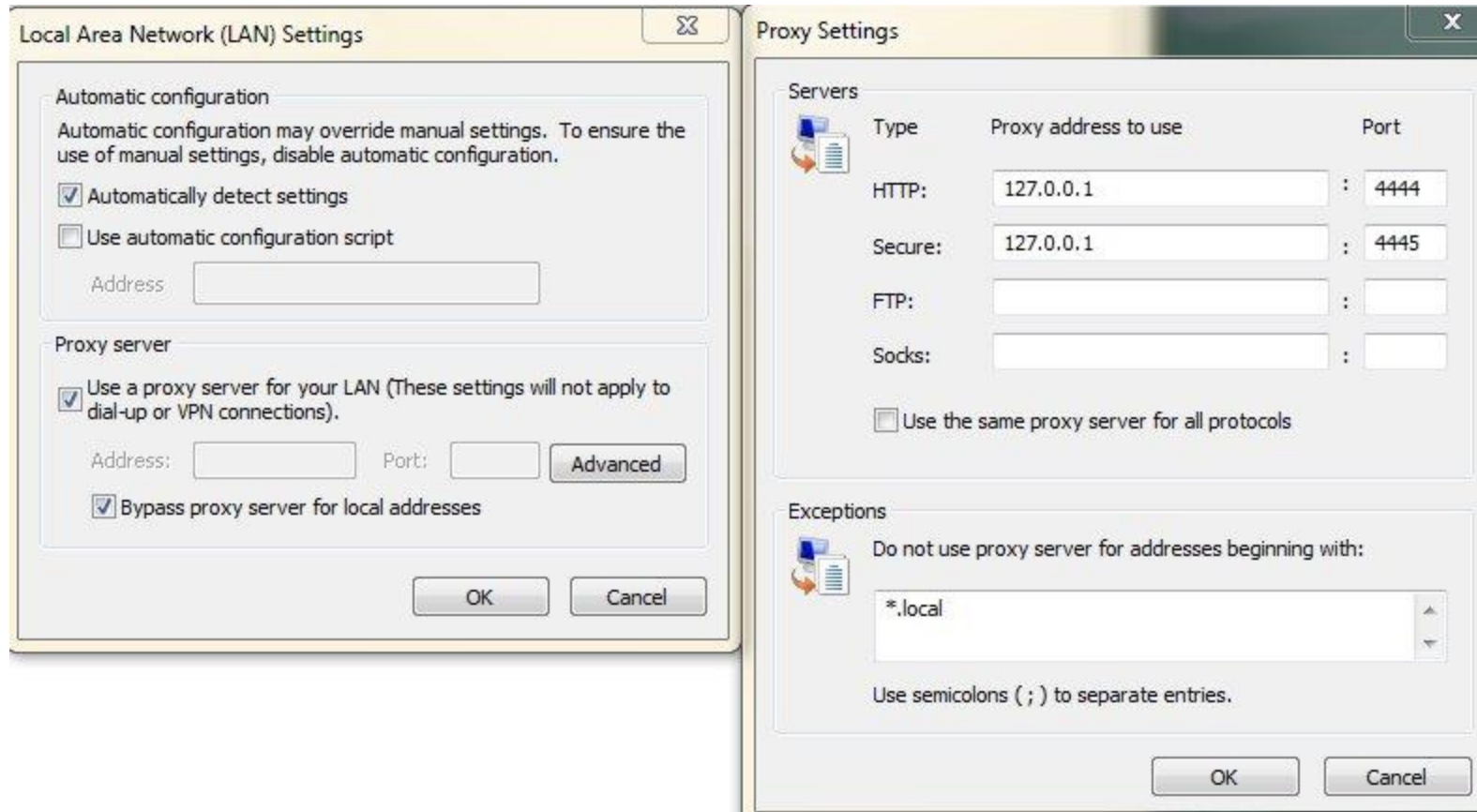
6.3 Configuring Web Browser



How to configure your browser : Internet Explorer 8

Internet Explorer 8 or Chrome :

In the tools menu select the "Internet Options" line to open the settings. In the settings window choose the connections tab and click on LAN settings for the proxy port configuration.



Now set the checkmark at "use a proxy server for your LAN" and at the "Bypass proxy server for local addresses". With a click on Advanced-button you open the window to open the ports. Enter the values like on the picture, IP 127.0.0.1 and port 4444 for HTTP, port 4445 for HTTPS. With clicks on OK you save the settings and your browser is set to use the I2P proxy. Note/Privacy tip: Set the FTP proxy to the same settings as the HTTP proxy.

6.4 Search Engines



Search Engine :

A search engine is software, typically accessed on the Internet, that searches a database of information according to the user's query. The engine provides a list of results that best match what the user is looking for. Today, there are many different search engines available on the Internet, each with their own abilities and features. The first search engine ever developed is considered Archie, which was used to search for FTP files and the first text-based search engine is considered Veronica. Today, the most popular and well-known search engine is Google. Other popular search engines include AOL, Ask.com, Baidu, Bing, and Yahoo.

6.4.1 Most Popular Search Engines In the World



- ☐ **Google**
- ☐ **Bing**
- ☐ **Yahoo**
- ☐ **Ask.com**
- ☐ **AOL.com**
- ☐ **Baidu**
- ☐ **Wolframalpha**
- ☐ **DuckDuckGo**
- ☐ **Internet Archive**
- ☐ **Yandex.ru**

6.4.2 Accessing Web Browser



❑ Step- 1

Get acquainted with the web browser you are using. All web browsers are relatively similar, but the two most popular web browsers are Microsoft Internet Explorer and Mozilla Firefox. Open the web browser by double-clicking on the icon on your desktop or right-clicking the icon and choosing "Open."

❑ Step-2

Once the browser is open, time the time to notice the Address Bar, which is the URL (website address) where you are located. To easier identify the Address Bar, it will be located at the top of the browser itself and the URL in the Address Bar will usually begin with "http://www."

❑ **Step-3**

Next, notice the tools that are surrounding the Address Bar. For example, there will usually be a "Page Back" and "Page Forward" button, usually indicated by a forward and backward arrow. There may even be a picture or icon that will stand for "Home Page," which is the first web page that is viewed when the web browser is opened.

❑ **Step-4**

Above the web browser's icons that you've just looked at, you'll notice a series of help menus, such as "File," "Edit," "View," "History," "Bookmarks" or "Favorites," as well as "Tools," and "Help." All of these menus are placed there because they may be able to help you at one time or the other. For example, clicking once on "Bookmarks" or "Favorites" will show you a list of all the websites that you have placed in your "favorite" list.

■ Step-5

Two important things to know how to do are to get to a specific website destination of your choice and make that website one of your "favorites" or "bookmarks."

We'll start with navigating to a specific website of your choice.

If you have a specific URL of a website in mind then feel free to use that. For this example, we'll use the Google Search Engine home page. In the Address Bar which is located at the top of the web browser, type in the full URL of the website you would like to go to. In this example, we'll type in "http://www.google.com." After you've typed in the full URL, either press "Enter" on the keyboard or click on the arrow icon or "go" button located at the very right end of the Address Bar. After you have done that the website should appear on your web browser's screen

❑ **Step-6**

We will now put this website, the website of your choice or in this example we're using www.google.com, in your "Favorites" or "Bookmarks" list.

Click on the "Bookmark" or "Favorites" menu at the top of the web browser and choose the option that says either, "Bookmark this page," or "Add to Favorites." Your website is now in the "Favorites" or "Bookmarks" list and all you will need to do to get back to that website is to click on the "Bookmarks" or "Favorites" menu again and click on the website that you have favorited or bookmarked.

❑ **Step-7**

You have just learned how to do two very important tasks in two of the most popular web browsers that are used for navigating the internet.

For any other help that is needed, the web browser's own "Help" section can be read by clicking on the "Help" menu at the top of the web browser and choosing the browser help section. In Mozilla Firefox, this section is called "Help Contents," while in Microsoft's Internet Explorer it is called "Contents and Index."

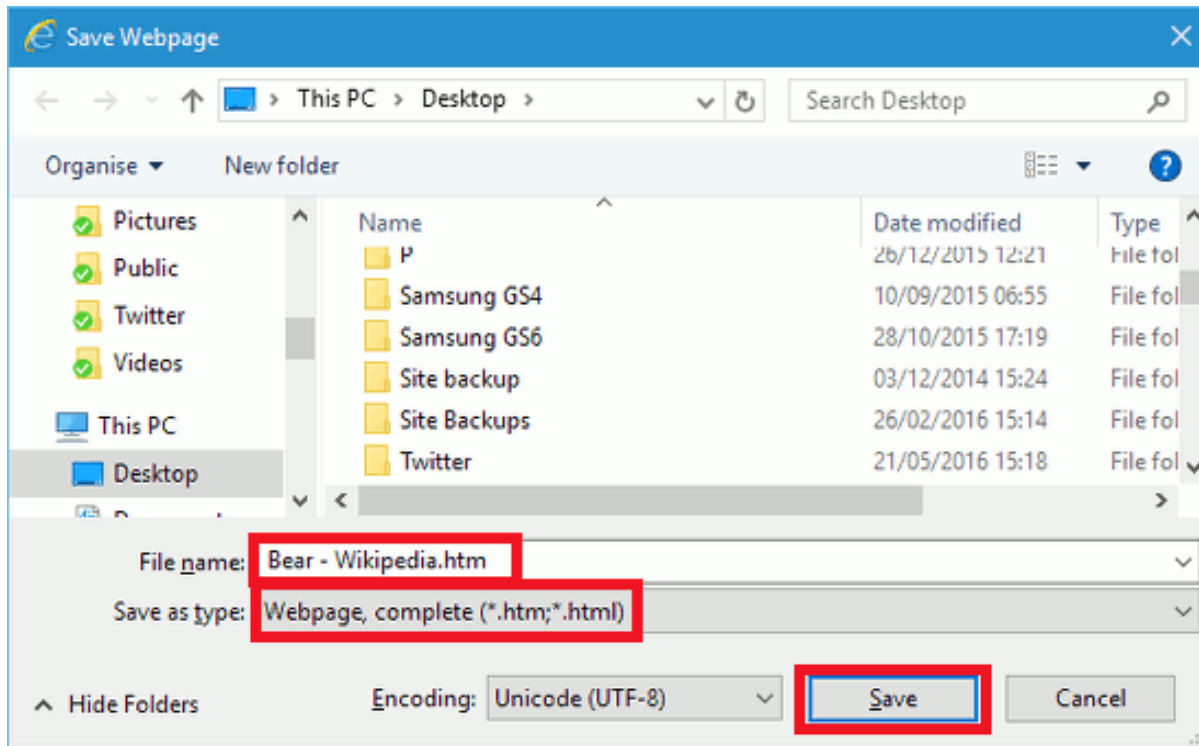
6.4.3 Using Favorites Folder



Favorites or Bookmarks :

As you traverse the Internet, you find sites that offer insights, news, commentary, humor, purchase options and other useful content. When you save a destination address as a favorite or bookmark, your browser stores the URL, along with its site or page name, so you can access it again with a single click. Most browsers present bookmarks in much the same way they display history states, sometimes in a floating panel that shows both.

6.4.4 Downloading Web Pages



Viewing a web page saved this way is easy and you just double click the file in the Documents folder, the desktop or wherever you saved it.

The file name is taken from the title of the web page and it is often too long for a file on disk. edit it and make it shorter. In the Save as type box there are four options. If the page is saved as Web Archive, single file (*.mht), this saves everything in one file.

That is convenient, but if you want to inspect the code, access the images, and poke around, it is better to select Webpage complete (*.htm, *.html). This saves the web page as an HTML file and the images and other items on the page are saved in a folder where they are easy to access.

6.4.5 Printing Web Pages



Printing a web page is a fairly simple process, but it differs slightly depending on the Internet browser you use. To proceed, select your preferred browser from the list below and follow the instructions.

Tip: All computer browsers today support the keyboard shortcut Ctrl+P or Cmd+P to start the print process.

If you are using Internet Explorer, follow these steps :

- ❑ Open the Internet Explorer browser and pull up the page you want to print.
- ❑ Click Tools in the upper-right corner of the browser window.
- ❑ Move your mouse pointer over Print in the drop-down menu that appears.
- ❑ Click on Print... to bring up the Print Menu.
- ❑ Make sure the appropriate printer is selected and adjust settings.
- ❑ Click Apply (if you made any changes), then Print.

SUMMARY



In this Chapter you learned

- ☐ WWW
- ☐ Configuration
- ☐ Web Browser
- ☐ Downloading the web page
- ☐ Search Engine



Q 1.What is SEO?

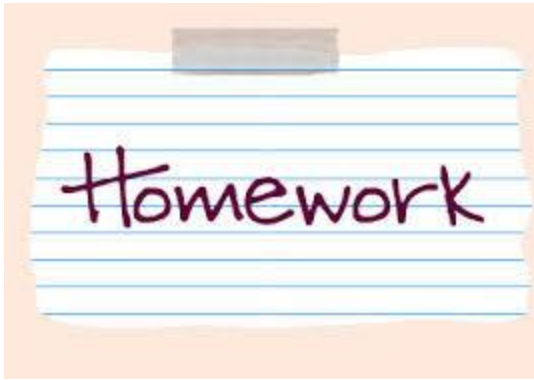
Q 2.How to download a web page?

Q 3.What is Web Browser?

Q 4.What is default web browser with Windows?

Q 5.What is webpage?





Q 1. What is search engine explain?

Q 2. How to download a file explain?

Q 3. Write steps to connect an internet connection?

Q 4. What is browser explain?

Q 5. Explain 2 most popular browsers?