6 Internet

This chapter will cover the following:

- Search engines
- Use of the Internet and explore for information
- Creating web pages
- Developing websites

6.1 Search engines

Search engines can be used to find information, images, videos, etc. on the Web. (See Figure 6.1)
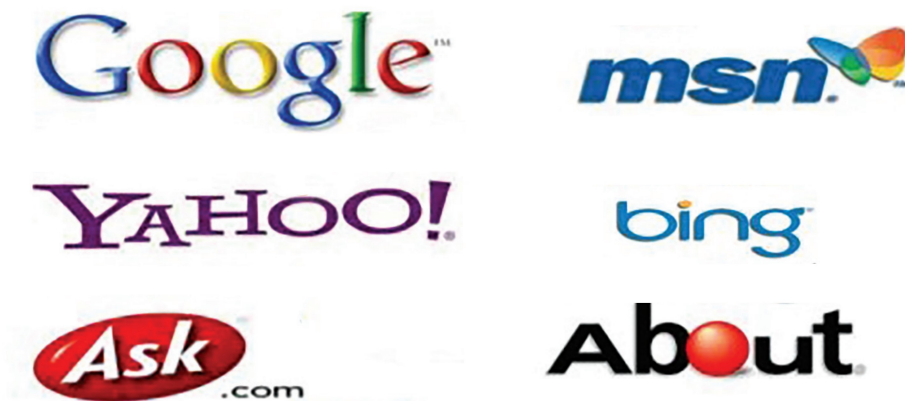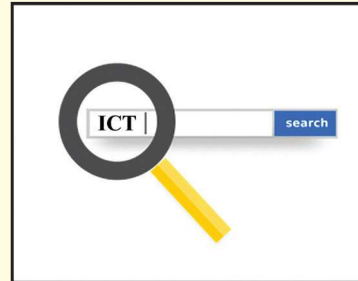
Examples for search engines

Figure 6.1 : A few main search engines

Use of Internet to explore information

Different methods can be used to explore the Internet for information. A few of them are as follows:
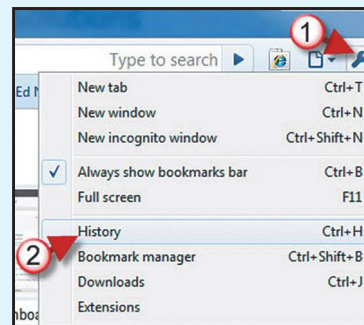
Search engines
Search engines help find websites. Typing the keyword on the "Search" box and pressing the 'Search' button, display a list of websites that are relevant to the key words.

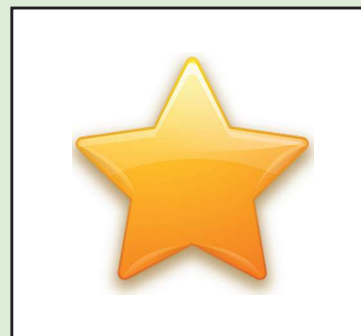| Browsing history |
|---|
| Search engines save recently used web addresses.

These websites can be accessed using the 'History'. |

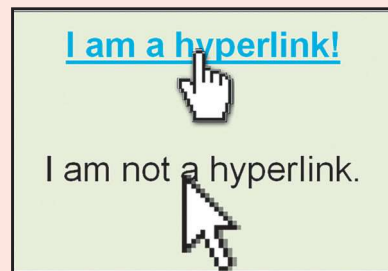| Bookmark/Favourite |
|---|
| A click on bookmark/favourite helps save web addresses (URL) used often.

Saved websites as such can be seen as a list so that the required website can be accessed. |

Hyperlinks

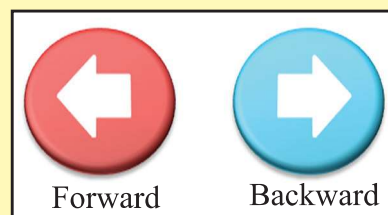A hyperlink on web page links to another section of the same page or a different web page.

A text with a hyperlink has an underline an display in color. The mouse over a hyperlink shows icon of a hand.

I am a hyperlink!

I am not a hyperlink.

Forward/ Backward

The Forward/Backward button helps navigate to a previous page or next page.

The forward/backward button appears on the top left corner of the web browser

Forward   Backward

Tabs

A number of web pages can be opened in a single window of a web browser. They are called as Tabs.

When web pages are opened as tabs, it is easy to select pages.

Refer to workbook for the Activity 6.1.

6.2 Creating a web page

Some factors that should be considered in developing a web page are listed below;

1
- What is the goal of web site?
- Who uses it?

2
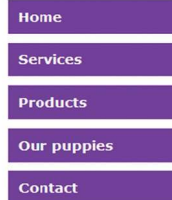- Layout and structure of the size

3
- ★ Design
  - Use of colours, letters and font size
  - Clarity and readability of the content

4
- ★ Navigation
  - How does the user navigate the website?
  - Navigation to other websites

5
- ★ Use of images
  - Suits to user
  - Compatible with content
  - Minimal use of images

Main features necessary to create websites

Tool
There are several tools that can be used to develop web pages.

Software	
Examples for some software that can be used to create web pages using HTML	Notepad, NetBeans, Microsoft Visual Studio Community, Word Press, Bluefish, Eclipse

Tags/Elements
• HTML tags are used to create web pages.   • A tags/element is shown with the angular brackets < >.   • Most Tags have a start and an end.

A few tabs used in HTML to create a website and their functions:

Tag	Function
\<html>…\</html>	Indicate that HTML is used to create the web page
\<head>…\</head>	Container for all head elements such as title of document.
\<title>…\</title>	Title of the website (not included in the web page)
\<body>…\</body>	To the content of the web page
\<h>...\</h>	headers (titles)
**\…**	bold face text
\<i>…\</i>	italicize text
\<centre>…\</center>	center alignment
**\ …\ **	a list with bullets
**\ …\ **	a list with numbers
**\ …\ **	bullet/ numerical list items
**\ **	line break
\<p>	a paragraph
\<img src="…."\>	Insert an image
**\…**	create a hyperlink

<title>…</title>

7 Wonderful Benefits of ☓ | Department of Official La ☓

← → C 🔒 Secure | https://food.ndtv.com/food-drinks/benefits-of-banana-how-t

<h>...</h>

Wonderful Benefits of Banana

<img src="…."">

<i>…</i>

<p>

Adding a banana to your daily diet has an array of benefits in your body.

Bananas helps

…

1. *loss of weight*
2. *keep your bowels healthy*
3. *provide nutrients that regulate heart rhythm*
4. *have vitamin compounds for eye health.*

…

Bananas provide a variety of vitamins and minerals:

…

- Vitamin B6 - 0.5 mg.
- Manganese - 0.3 mg.
- Vitamin C - 9 mg.
- Potassium - 450 mg.
- Dietary Fibre - 3g.
- Protein - 1 g.
- Magnesium - 34 mg.

More about bananas

…

Refer to workbook for Activities 6.2, 6.3, 6.4, 6.5, 6.6 and 6.7