Web Basics – HTML5

Lesson 4. Working with Links

Capgemini

Lesson Objectives

After completing this module, you will be able to:
- Understand the working of hyperlinks in web pages.
- Learn to create hyperlinks in web pages.
- Add hyperlinks to list items and table contents.

Hyperlink in HTML

Links allow users to navigate and find information on the Internet as easy as possible.

HTML links are hyperlinks.

A hyperlink is a text or an image you can click on, and jump to another document.

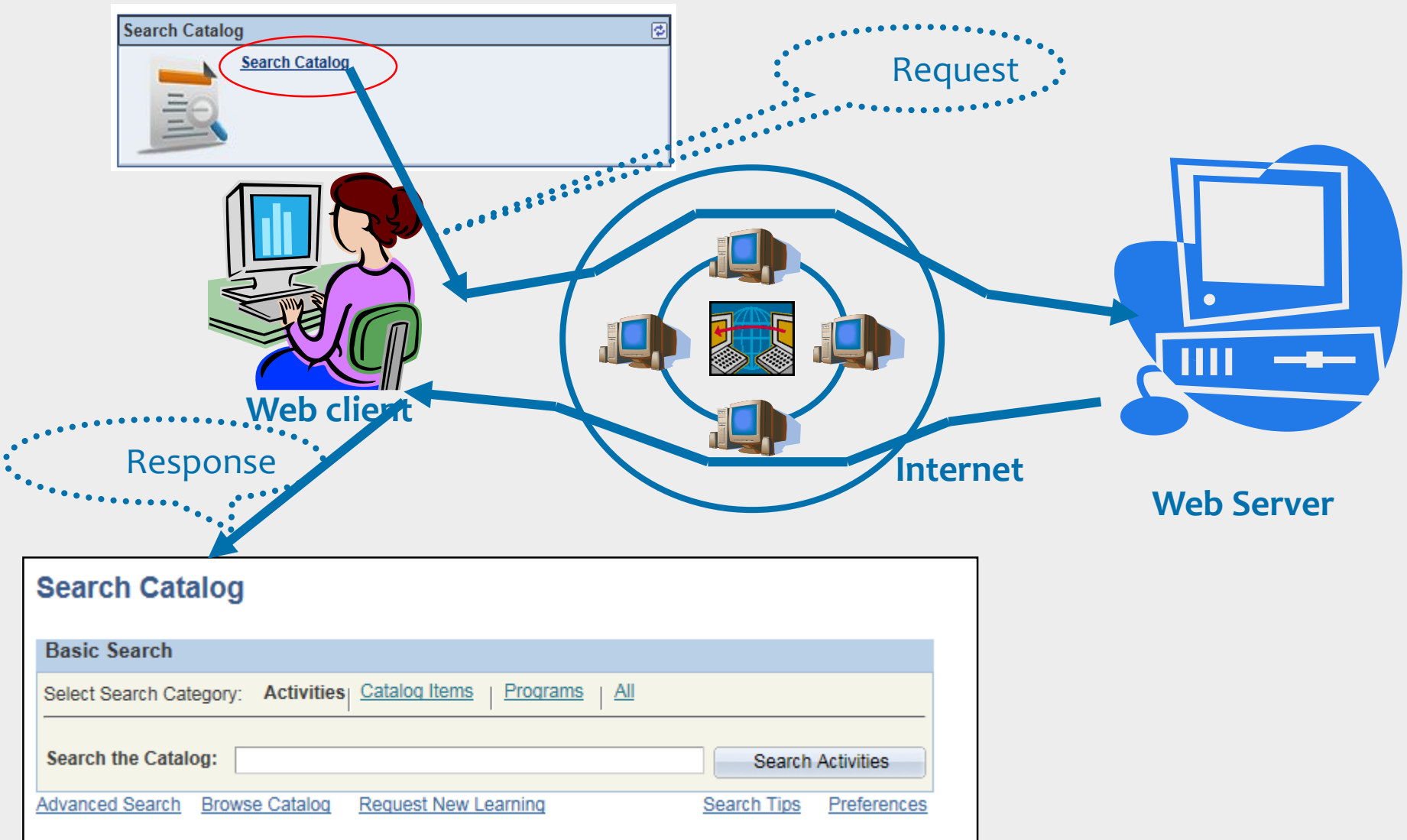Tag to create a link is <a> which stands for anchor.

Syntax:

link

text

By default, l   :
- An unvisited link is underlined and text is highlighted in blue color (Click me)
- A visited link is underlined and text is highlighted in purple color (Click me)
- An active link is underlined and text is highlighted in red color (Click me)

How does Hyperlink works?

Create Links

- Link to local document in an application(Relative linking)

> Click Here

- Link to local document in an application(Absolute linking)

> Click Here

- Link to web document

> I have some information about education.

Links to an E-Mail

Link to an electronic mail:

- An URL tag called "mailto" identifies the address to which an e-mail has to be sent.
- Syntax:

> Link text

> Contact Me
>
> Please mailyour comments to me

CC and BCC in Email (Code)

```html
<!DOCTYPE html>
<html>
<body>
<!----add the CC and BCC's--->
<a href="mailto:edude@capgemini.com?Subject=Hello&Cc=jane@capgemini.com&bcc=joe@capgemini.com"> Mail us </a>
</body>
</html>
```

Links to Specific Part of a Page

id attribute, used in the anchor tag identifies a section of a page.

Set HREF to the section name. Precede the name with a # symbol

Capgemini Ltd, Rajiv Gandhi Infotech Park, Hinjewadi Phase III MIDC

Pune 411 057. INDIA.

…Contents of the page…

I am working in Capgemini

Demo

Linkall.html

Providing Target for a Hyperlink

Target attribute of the <a> tag specifies where to load the linked document.
Document 2

It takes following values:
- name of the existing window/target
- _blank
- _self
- _parent
- _top

By default it loads the linked document in the current window.

_blank (Code)

Target attribute of the <a> tag specifies where to load the linked document.
Document 2

It takes following values:
- name of the existing window/target
- _blank
- _self
- _parent
- _top

By default it loads the linked document in the current window.

_self (Code)

"_self":
- Puts new document in the same window and frame as the current document.
- Works the same as if you had not used TARGET at all.

This code produces this go to:

```
<a href="selftarget.html" target="_self">next</a> page
```

_top (Code)

"_top":
- loads linked document in the topmost frame. This means that the new page fills the entire window.

```
  <a href="selftarget.html"
target="_top">top</a>
```

_parent (Code)

"_parent":
- Used when a frameset file is nested inside another one
- A link in one of the inner frameset documents which uses "_parent" loads the new document where the inner frameset file had been

```
<a href="bigframe.html" target="_parent">bigframe</a>
```

Demo

Linktarget.html

Hyperlinks in Lists Items (Code)

Add links to list items and table contents:

```html
<ul>
  <li><a href=home.html>mumbai</a></li>
  <li><a href=home.html>pune</a></li>
  <li><a href=home.html>nasik</a></li>
</ul>
```

Hyperlinks in Table Elements (Code)

Add links to table contents:

```
<table border=1>
<tr><th>team<th>points<th>grade</tr>
<tr><td>
<a
href=home.html>mumbai</a></td><td>90</td><td>a</td>
</tr>
<tr><td>
<a href=home.html>pune</a></td><td>86</td><td>b</td>
</tr>
<tr><td>
<a href=home.html>nasik</a></td><td>80</td><td>c</td>
</tr>
</table>
```

Demo

Linkintable.html

LAB

Lab 4

Summary

In this lesson, you have learnt about
- How hyperlink works in web pages
- Creation of hyperlinks in web pages
- Including hyperlinks to list items and table contents

Review Question

Question 1:The id attribute along with # used in the anchor tag identifies:
- Page section.
- Path to load the linked document.
- Address to send the e-mail to.

Question 2:URL tag mailto, identifies the address from where e-mail is to be received.
- True/ False

Question 3:_____ attribute of the <a> tag specifies where to load the linked document.

Review Question: Match the Following

1. "_blank"	a. Identifies address to send the e-mail to.
2. "_self"	b. Only filename is needs to be specified.
3. "_top"	c. Gives entire address of the page.
4. mailto	d. Puts the new document in the same window and frame as the current document
5. Relative Linking	e. Opens the new document in a new window.
6. Absolute Linking	f. Loads linked document in the topmost frame.