

What is Hyperlink?

HTML links are hyperlinks. You can click on a link and jump to another document. When you move the mouse over a link, the mouse arrow will turn into a little hand. A hyperlink is an element in an HTML document that links to either another portion of the document or to another document altogether.

A link does not have to be text. A link can be an image or any other HTML elements. The HTML `<a>` tag defines a hyperlink.

Syntax

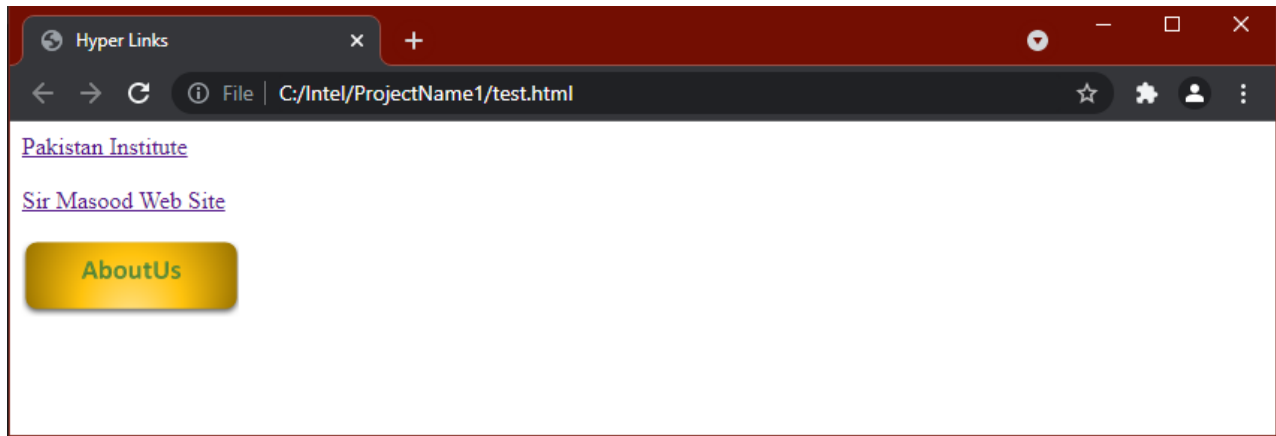
```
<a href="URL or FileName"> link text Content</a>
```

Example

```
<a href="index.html"> Pakistan Institute </a>  
or  
<a href="www.sirmasood.com"> Sir Masood Web Site</a>  
or  
<a href="htmlfiles/aboutus.html"> 
```

Example

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title> Hyper Links</title>  
  </head>  
  <body>  
    <a href="index.html"> Pakistan Institute</a> <br><br>  
  
    <a href="http://www.sirmasood.com"> Sir Masood Web Site</a> <br><br>  
  
    <a href="htmlfiles/aboutus.html">   
  
  </body>  
</html>
```



By default, links will appear as follows in all browsers:

- An unvisited link is underlined and blue
- A visited link is underlined and purple
- An active link is underlined and red

HTML Links - The target attribute

By default, the linked page will be displayed in the current browser window. To change this, you must specify another target for the link.

The target attribute can have one of the following values:

_self - Default. Opens the document in the same window/tab as it was clicked

_blank - Opens the document in a new window or tab

_parent - Opens the document in the parent frame

_top - Opens the document in the full body of the window

HTML Hyperlink Types.

Links are used to “link” a visitor from one area to another. There are three types of links:

1. **Local or Relative:** A page on the same server or directory
2. **Internal:** A section on the current page or document
3. **External or Absolute:** A page or site on a different server or directory

Example

```

<!DOCTYPE html>
<html>
  <head>
    <title> Hyper Links</title>
  </head>
  <body>
    <a href="index.html"> Pakistan Institute</a> <br> <br> <!--Local or Relative Link -->

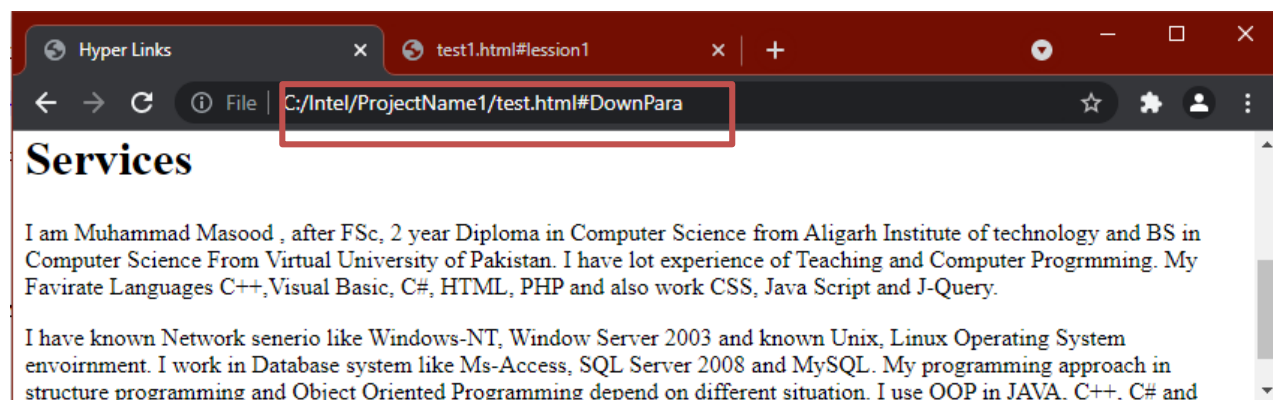
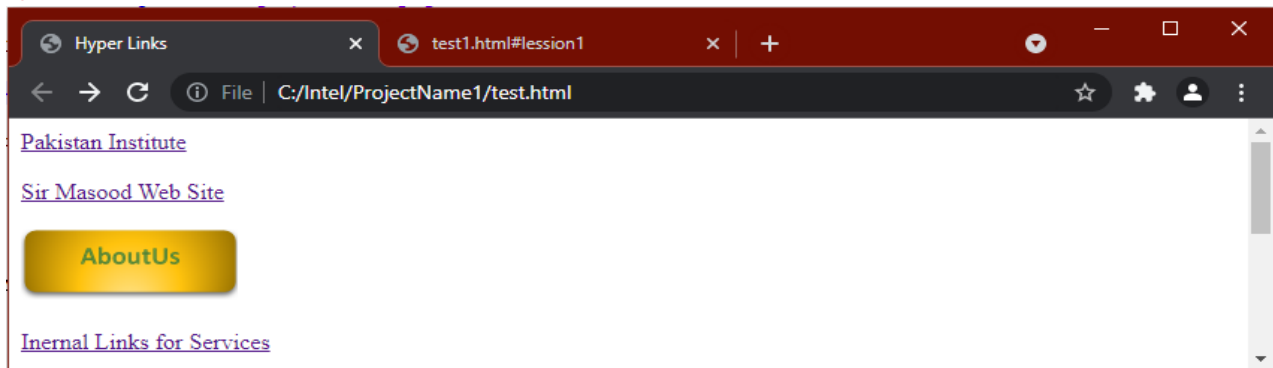
    <a href="http://www.sirmasood.com"> Sir Masood Web Site</a> <br> <br> <!-- external Link -->

    <a href="htmlfiles/aboutus.html">  </a> <!--Local or Relative Link -->

    <a href="#DownPara"> Internal Link for Services </a> <!--Internal Link -->

    <h1 id=="DownPara"> Services </h1>
    <p>
    I am Muhammad Masood, after F.Sc.: 2 year Diploma in Computer Science from Aligarh Institute of
    technology and BS in Computer Science From Virtual University of Pakistan. I have lot experience of
    Teaching and Computer Programming. My Favorite Languages C++, Visual Basic, C#, HTML and CSS, PHP and
    also Java Script and J-Query. My programming approach in structure programming and Object Oriented
    Programming depend on different situation. I use OOP in JAVA, C++, C# and PHP languages. </p>
  </body>
</html>

```



Theory Question

- 1) What is hyperlink and write their types?
- 2) Describe Target attribute of HTML hyperlink.
- 3) Hyperlink how will appear as follows in all browsers?

Practical Question

- 1) Write a HTML program on your web site project same as Example-3 of chapter-3.

Objective and MCQ

- 1) Which target value to Opens the document in a new window or tab
 - a) `_blank`
 - b) `_new`
 - c) `_self`
 - d) `_top`
- 2) Which an unvisited link is underlined and ____ color.
 - a) red
 - b) green
 - c) blue
 - d) purple
- 3) The HTML _____ tag defines a hyperlink.
 - a) `<a>`
 - b) `<href>`
 - c) `<src>`
 - d) `<link>`
- 4) Which syntax of hyper link is best way.
 - a) ``
 - b) `<hef a="index.html"> Click Here `
 - c) ` `
 - d) ` Click Here `
- 5) Which a visited link is underlined and ____ color.
 - a) red
 - b) green
 - c) blue
 - d) purple