

WAD Lab Report

Course Title : Web Application Design Lab

Course Code : CSE0613124

Lab no. : 03

Topic : Write an HTML program for demonstrating Image and

Hyperlinks.

Submitted to:

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Designation : Lecturer

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Batch : 55

Department : CSE

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**Introduction**

This is the Lab Report for Lab-02 of Web Application Design course. In this lab, we learned more about Anchor tags and Image tags and their attributes. We learned that about Relative Links to make navigations through HTML files easier. Here’s a brief explanation for the tags and attributes mentioned:

* Tags:

1. Anchor tag: The <a> tag defines a hyperlink, which is used to link from one page to another. It can be used to add Absolute Links (External Site) or Relative Links (between same or different HTML pages).
2. Image tag: The <img> tag is used to embed an image in an HTML page. Using “src” and “alt” attributes this tag can show a source image and show an alt text in absence of the source image respectively.  
     
   for internal navigation we use:  
   <p id = “to” >This is the End</p>  
   <p><a href= “#to”>This is the Start</a></p>  
     
   for external navigation:  
   <p><a href = “https://www.externallink.com>Click Here</a></p>

* Attributes:

1. “bgcolor” attribute: using bgcolor = “color-name” we can set the html page background color.
2. “src” and “alt”: the alt attribute inside <img> is used when source image cannot be loaded. Instead a text is shown by using alt= “an alt text”. The src attribute is used to attach or show an image using src= “image.png”

**Class work**

File: index.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>  <title>      Relative URL  </title>  </head>  <body bgcolor= “fffff”>  <h1 align = center>      These are Relative URLs  </h1>  <a href =lab3-1-img.html>Load Image</a>  <br><br>  <a href =lab3-2-anchor.html>Load Anchor</a>  <br><br>  <a href =lab3-3-lorem-ipsum.html>Load Lorem Ipsum</a>  <br><br>  <!-- <a href =lab3-task-1-UITS.html>Go to Task 1 (Create UITS links)</a> 🡪  <br><br>  </body>  </html> |

File: lab3-1-img.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>  <title>      Image Page  </title>  </head>  <body bgcolor = “pink”>  <h1 align = center>      This is an image  </h1>  <p><img src=github-img.png alt=”this is an alt text” width=”=200” height=”200”></p>  <p><img alt=”this is an alt text” width=”=100” height=”100”></p>  <br>  <br>  <a href =index.html >Go back</a>  </body>  </html> |

File: lab3-2-anchor.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>  <title>      Anchor Page  </title>  </head>  <body>   <p><a href= “https://codeforces.com/”><img src = codeforces-sponsored-by-ton.png alt = “CodeForces” width=555 height=130></a></p>   <br>  <br>  <a href =index.html>Go back</a>  </body>  </html> |

File: lab3-3-lorem-ipsum.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>      <title>          Lorep Ipsum Page      </title>  </head>  <body>      <br><br>      <a href=index.html>Go back</a>      <ul id=”index”>          Lorem index          <li><a href=”#L1”>Go to Lorem 1</a></li>          <li><a href=”#L2”>Go to Lorem 2</a></li>          <li><a href=”#L3”>Go to Lorem 3</a></li>      </ul>      <br><br>      <h1 id=”L1”>Lorem 1</h1><br><br>      <a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <hr>      <h1 id=”L2”>Lorem 2</h1><br><br><a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <hr>      <h1 id=”L3”>Lorem 3</h1><br><br><a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <a href=index.html>Go back</a>      <br><br>  </body>  </html> |

**Lab Work Code**

File: lab3-task-1-index.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>      <title>          Image Page      </title>  </head>  <body bgcolor=”fffff” align=center>      <p align=center><img src=UITS.png alt=”this is UITS logo” width=”=200” height=”200”></p>      <p align=center>          (This image was taken from wikiepdia)      </p>      <a href=”https://uits.edu.bd/”> Click here to go to Website</a>      <br>      <br>      <a href=lab3-task-1-about.html> Click here to go to About</a>      <br>      <br>      <a href=lab3-3-lorem-ipsum.html>Click here to go to Lorem Ipsum</a>          <!-- <a href =index.html >Go back</a> 🡪  </body>  </html> |

File: lab3-task-1-about.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>      <title>          Image Page      </title>  </head>  <body bgcolor=”fffff”>      <h1>About UITS</h1><br><br>      <p><b><i>History</i></b><br>          <li>University of Information Technology and Sciences (UITS), the first IT-based private university in              Bangladesh was founded on 7 August 2003 as a non-profit organization & EIIN is 136666. University of              Information Technology & Sciences (UITS), a concern of PHP Family headed by Alhaj Sufi Mohamed Mizanur              Rahman is the sponsor of UITS. The guiding spirit behind the endeavor is “divine blessings, mixed with hard              work, backed by good intentions, make miracles.</li>          <li>The government was pleased with the UITS’s infrastructure and teaching program and allowed the university to              run its activities. The order of the government was turned into action from 07 August 2003. And till then              UITS conducts all its activities as per its Vision, Mission, Goals, and Commitment to Quality Education with              a view to shaping a complete, effective and efficient manpower.</li>          <li>UITS added the latest education system to its curriculum to developing the knowledge and skills of the              students as well as integrated human values in the education system. UITS is a science and technological              knowledge-based center that provides marketable skills for younger generations who may be gainfully employed              both national and international organizations.</li>      </p>      <br><br>      <hr>      <a href=”https://uits.edu.bd/history/”>Reference</a>      <br><br>      <a href=lab3-task-1-index.html>Go back</a><br><br>  </body>  </html> |

File: lab3-3-lorem-ipsum.html

|  |
| --- |
| <!DOCTYPE HTML>  <html>  <head>      <title>          Lorep Ipsum Page      </title>  </head>  <body>      <br><br>      <a href=lab3-task-1-index.html>Go back</a>      <ul id=”index”>          Lorem index          <li><a href=”#L1”>Go to Lorem 1</a></li>          <li><a href=”#L2”>Go to Lorem 2</a></li>          <li><a href=”#L3”>Go to Lorem 3</a></li>      </ul>      <br><br>      <h1 id=”L1”>Lorem 1</h1><br><br>      <a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <hr>      <h1 id=”L2”>Lorem 2</h1><br><br><a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <hr>      <h1 id=”L3”>Lorem 3</h1><br><br><a href=”#index”>Go up</a>      <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos          pretium eleifend ligula natoque. Nunc nibh cubilia agnis potenti erat justo ridiculus, fames cursus eros neque          venenatis senectus ullamcorper, phasellus fermentum suscipit scelerisque dignissim mi. Parturient primis          tristique cubilia habitant duis nulla laoreet montes, eget porttitor agnis lobortis sociosqu dignissim          blandit.          <br><br>          Ultricies quam suscipit agnism urna himenaeos agnis, mus a placerat nascetur duis auctor, non imperdiet          aliquam eu nisi. At magna et tempor dui habitant iaculis torquent metus penatibus posuere, vulputate dignissim          diam sagittis ridiculus nascetur ante lacinia varius faucibus pellentesque, gravida porta accumsan eu sed          natoque inceptos malesuada elementum. Vitae cursus duis nunc ac id tellus sociosqu vulputate fames tortor odio          metus quisque cubilia, egestas netus aenean condimentum placerat mus dictumst lacus habitant morbi etiam agnis          quis.      </p>      <br><br>      <a href=lab3-task-1-index.html>Go back</a><br><br>  </body>  </html> |

**Lab Work Output**

Index page where other html pages are linked as relative links.

A screenshot of a computer

AI-generated content may be incorrect.

( when clicked “Click here to go to Website” )

A screenshot of a website

AI-generated content may be incorrect.

( When clicked “Click here to go to About“ )

A screenshot of a computer

AI-generated content may be incorrect.

( When clicked “Click here to go to Lorem Ipsum“ )

A screenshot of a computer

AI-generated content may be incorrect.