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

Date of Submission: 23.02.25

__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>This is the Start</p>

     for external navigation:
     <p>Click Here</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

```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

```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 5agnis 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 5agnis5 lobortis
sociosqu dignissim
        blandit.
        <br><br>
        Ultricies quam suscipit 5agnis5m urna himenaeos 5agnis, 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 5agnis
        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 6agnis 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 6agnis6 lobortis
sociosqu dignissim
    blandit.
    <br><br>
    Ultricies quam suscipit 6agnis6m urna himenaeos 6agnis, 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 6agnis
    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 6agnis 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 6agnis6 lobortis
sociosqu dignissim
    blandit.
    <br><br>
    Ultricies quam suscipit 6agnis6m urna himenaeos 6agnis, 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 6agnis
```

```html
      quis.
   </p>
   <br><br>
   <a href=index.html>Go back</a>
   <br><br>
</body>

</html>
```

Lab Work Code

File: lab3-task-1-index.html

```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

```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 10agnis 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 10agnis10 lobortis
sociosqu dignissim
       blandit.
       <br><br>
       Ultricies quam suscipit 10agnis10m urna himenaeos 10agnis, 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 11agnis

    quis.
  </p>

  <hr>
  <h1 id="L2">Lorem 2</h1>

Go up
  <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos

    pretium eleifend ligula natoque. Nunc nibh cubilia 11agnis 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 11agnis11 lobortis sociosqu dignissim

    blandit.

    Ultricies quam suscipit 11agnis11m urna himenaeos 11agnis, 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 11agnis

    quis.
  </p>

  <hr>
  <h1 id="L3">Lorem 3</h1>

Go up
  <p>Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos

    pretium eleifend ligula natoque. Nunc nibh cubilia 11agnis 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 11agnis11 lobortis sociosqu dignissim

    blandit.

    Ultricies quam suscipit 11agnis11m urna himenaeos 11agnis, 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 12agnis
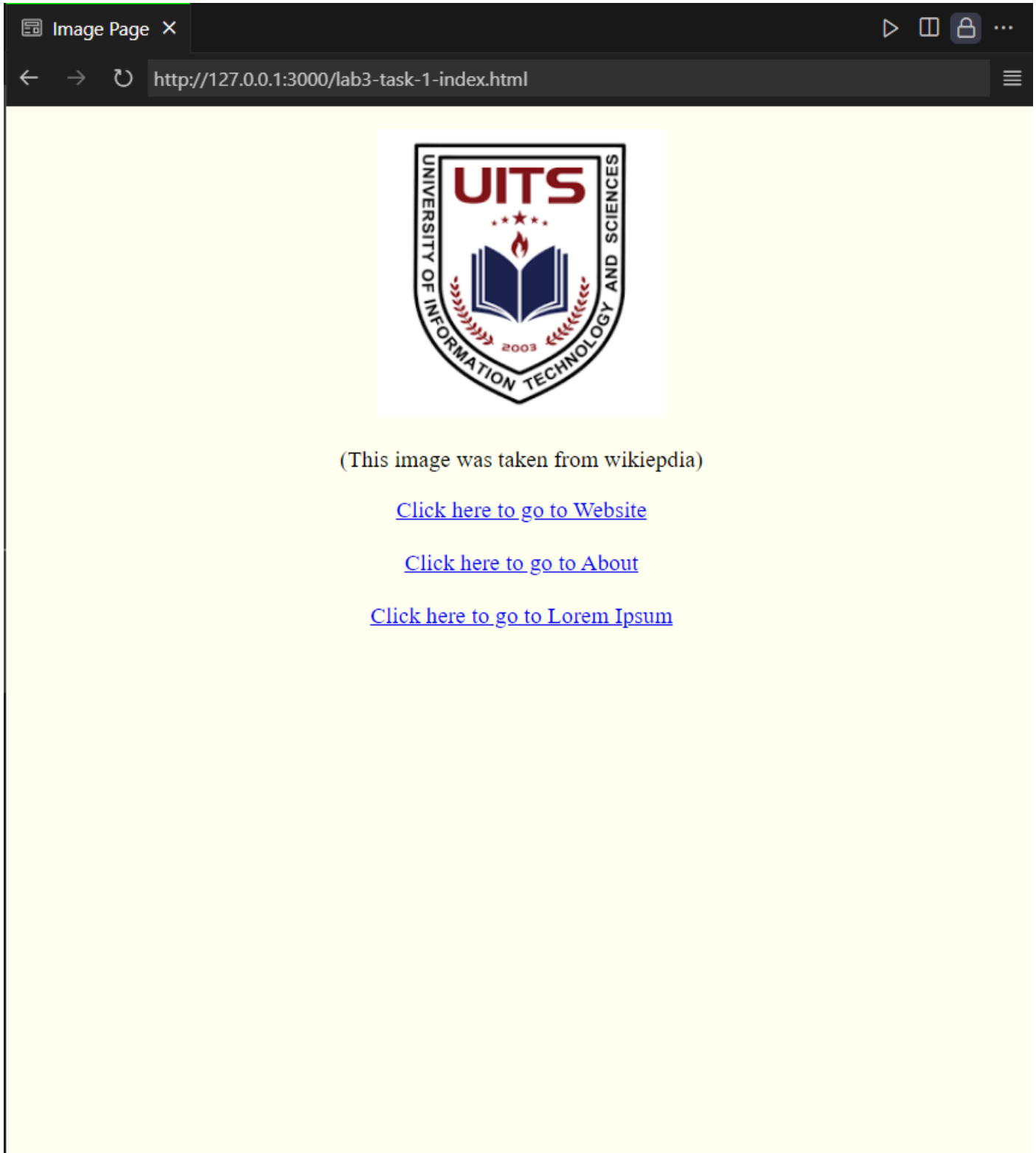   quis.
    </p>

    Go back

</body>

</html>

Lab Work Output

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

(when clicked "Click here to go to Website")

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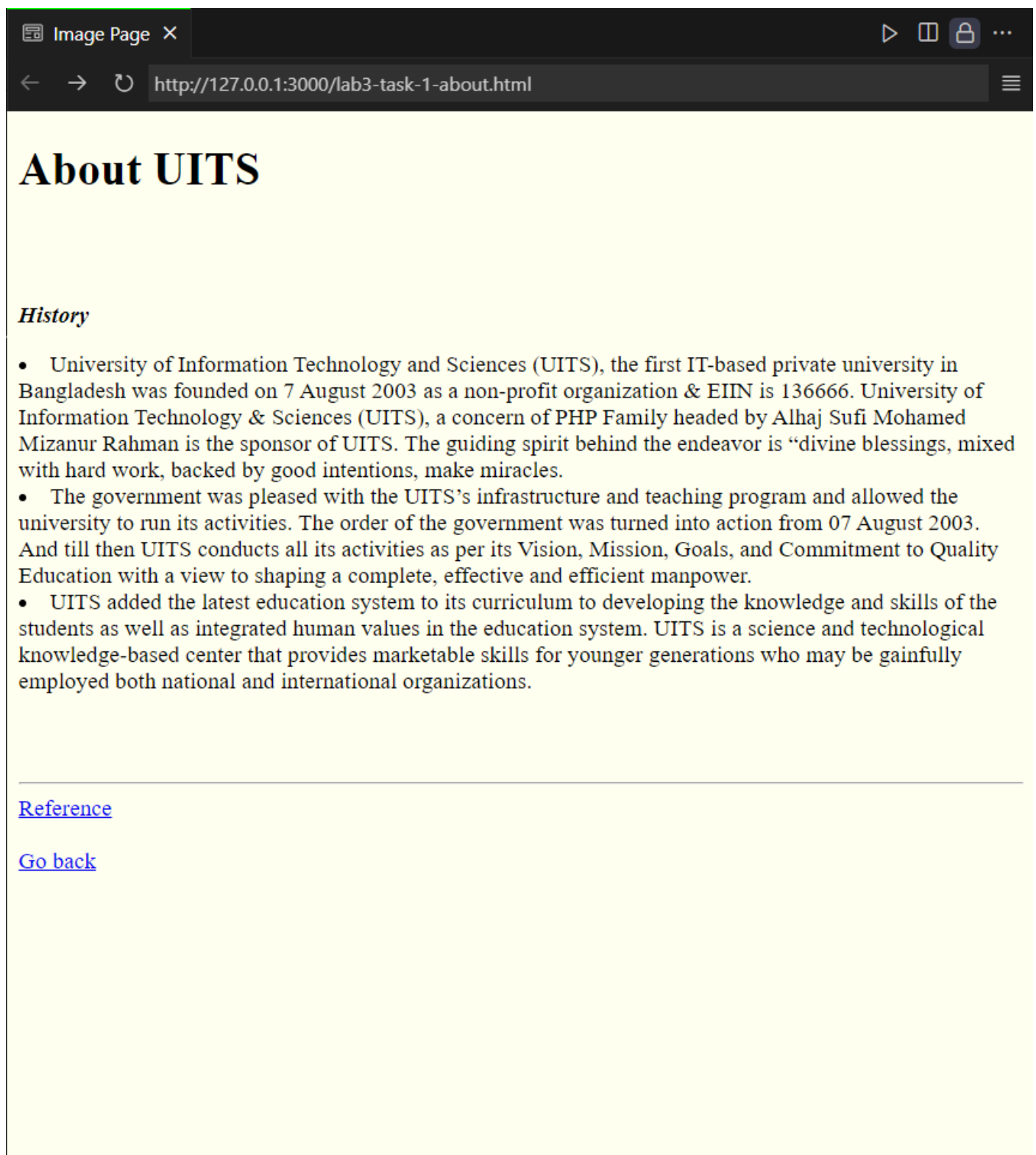# About UITS

History

- 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.
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- 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.

Reference

Go back

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

Go back

Lorem index
- Go to Lorem 1
- Go to Lorem 2
- Go to Lorem 3
- Go to Lorem 4
- Go to Lorem 5
- Go to Lorem 6

Lorem 1

Go up

Lorem ipsum dolor sit amet consectetur adipiscing, elit mattis fames taciti pellentesque euismod, himenaeos pretium eleifend ligula natoque. Nunc nibh cubilia magnis 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 praesent lobortis sociosqu dignissim blandit.

Ultricies quam suscipit bibendum urna himenaeos magnis, 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 magnis quis.