

Name- Devanshu Singh Rawat
Course-MCA
Section-A
Class roll no- 15

1. Design a home page which will display your information i.e., Bio data, also Create Hyperlinks in home page i.e., educational details, Hobbies, Achievement, My Ideals etc.

```
<html>
  <head>
  </head>
  <body>
    <h3>Biodata</h3>
    
    <p>Name: Devanshu</p>
    <p>
      Higher Education:
      <a href="edu.html"> Graduation</a>
    </p>
    <p>Address: Dehradun</p>
    <p>Hobby:
      <a href="hobbies.html">Web surfing</a>
    </p>
    <p>Achievement:
      <a href="achiv.html"> Achievements</a>
    </p>
  </body>
</html>
```

Biodata



Name: Devanshu

Higher Education: [Graduation](#)

Address: Dehradun

Hobby: [Web surfing](#)

Achievement: [Achievements](#)

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2. Create a web page to display departments and course information, using ordered and unordered list. Also describe the course information, using appropriate list type.

```
<!DOCTYPE html>
<html>
  <body>
    <ol>
      <li>School of Computing
        <ul>
          <li><details> <summary>BCA</summary>
            This is BCA</details></li>
          <li><details> <summary>B.Sc IT</summary>
            This is B.Sc IT</details></li>
          <li><details> <summary>MCA</summary>
            This is MCA</details></li>
        </ul>
      </li>
      <li>Computer Science & Engineering
        <ul>
          <li><details> <summary>B.Tech CS</summary>
            This is B.Tech CS</details></li>
        </ul>
      </li>
    </ol>
  </body>
</html>
```

1. School of Computing

 - ▼ BCA
This is BCA
 - ► B.Sc IT
 - ► MCA

2. Computer Science & Engineering

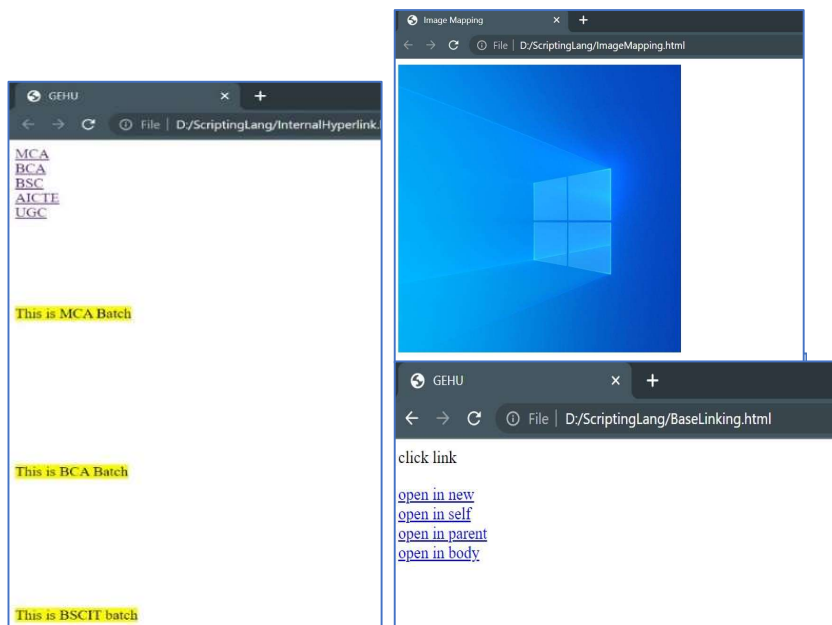
 - ▼ B.Tech CS
This is B.Tech CS

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3. Design a web page with the following:

i) To embed an image map in a web page ii) To fix the hot spots iii) Show all the related information when the hot spots are clicked.

```
/*ImageMapping.html */  
<html>  
<head>  
<title>Image Mapping</title>  
</head> <body>  
 <map name="image name">  
<area shape="rect" coords="34,44,270,350" alt="hut" href="BaseLinking.html">  
<area shape="circle" coords="300,300,100" alt="tree" href="InternalHyperlink.html"> </map>  
</body>  
</html>
```



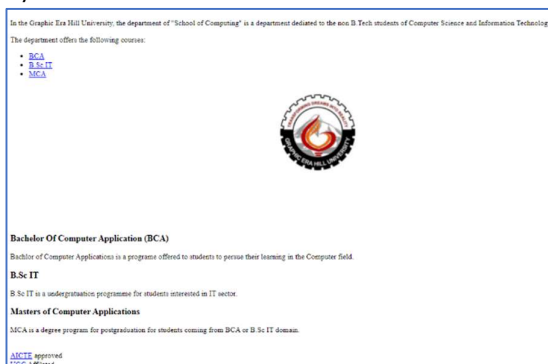
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4. Design a web page of your department and create internal hyperlinks in MCA, BCA and BScIT, also create links on the words AICTE and UGC and link them to wikipedia pages.

```
/*BaseLinking.html */  
<html>  
<head>  
<title>GEHU</title>  
<base href="https://www.gehu.ac.in/">  
</head> <body>  
<p>click link</p>  
<a href="/html/index.htm" target="_blank">open in new</a><br>  
<a href="/html/index.htm" target="_self">open in self</a><br>  
<a href="/html/index.htm" target="_parent">open in parent</a><br>  
<a href="/html/index.htm" target="_top">open in body</a><br>  
</body> </html>
```

InternalHyperlink.html

```
<html>  
<head>  
<title>GEHU</title>  
</head>  
<body>  
<a href="#MCA" >MCA</a> <br>  
<a href="#BCA">BCA</a> <br>  
<a href="#BSCIT">BSC</a> <br>  
<a href="https://en.wikipedia.org/wiki/All_India_Council_for_Technical_Education">AICTE</a> <br>  
<a href="https://en.wikipedia.org/wiki/University_Grants_Commission_(India)">UGC  
</a> <br> <br> <br> <br> <br> <br>  
<p><a name="MCA"><mark> This is MCA Batch</mark> </a> </p>  
<br> <br> <br> <br> <br> <br> <br> <br>  
<p><a name="BCA"><mark>This is BCA Batch</mark> </a> </p>  
<br> <br> <br> <br> <br> <br> <br> <br>  
<p><a name="BSCIT"><mark>This is BSCIT batch</mark> </a> </p>  
</body>  
</html>
```



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5. Design a timetable and display it in tabular format.

```
<!doctype>
<html>
<body>
<table border="1" cellpadding="10">
<tr> <th>DAYS</th>
<th>9:00-9:55</th> <th>9:55-10:50</th> <th>11:10-12:05</th> <th>12:05-
1:00</th> <th>1:00-1:55</th> <th>1:55-2:50</th> <th>3:10-4:05</th> <th>4:05-
5:00</th> </tr>
<tr> <th>MON</th>
<td>TBC 501</td> <td>TBC 502</td> <td>TBC 504</td> <td>TBC 503</td> <td
rowspan="6" style="writing-mode: vertical-rl;" >LUNCH BREAK</td>
<td colspan="3">PBC 501</td> </tr>
<tr> <th>TUE</th>
<td>TBC 502(IC)</td> <td>TBC 501</td> <td>TBC 504</td> <td>TBC 505(IC)
<td colspan="3">PBC 502</td> </tr>
<tr> <th>WED</th>
<td>TBC 504(IC)</td> <td>TBC 503</td> <td>TBC 501(IC)</td> <td>TBC 502</td>
<td colspan="3"> </td> </tr>
<tr> <th>THU</th>
<td>TBC 505</td> <td>TBC 506</td> <td>TBC 503(IC)</td> <td>XBC 501</td>
<td colspan="3"> </td> </tr>
<tr> <th>FRI</th>
<td>TBC 506(IC)</td> <td>TBC 503</td> <td>XBC 501(IC)</td> <td></td>
<td colspan="3"> </td> </tr>
<tr> <th>SAT</th>
<td>SBC 501</td> <td>TBC 506</td> <td>TBC 505</td> <td></td>
<td colspan="3"> /td>
</tr>
</table>
</body>
</html>
```

| DAYS | 9:00-9:55 | 9:55-10:50 | 11:10-12:05 | 12:05-1:00 | 1:00-1:55 | 1:55-2:50 | 3:10-4:05 | 4:05-5:00 |
|------|-------------|------------|-------------|-------------|-------------|-----------|-----------|-----------|
| MON | TBC 501 | TBC 502 | TBC 504 | TBC 503 | LUNCH BREAK | PBC 501 | | |
| TUE | TBC 502(IC) | TBC 501 | TBC 504 | TBC 505(IC) | | PBC 502 | | |
| WED | TBC 504(IC) | TBC 503 | TBC 501(IC) | TBC 502 | | | | |
| THU | TBC 505 | TBC 506 | TBC 503(IC) | XBC 501 | | | | |
| FRI | TBC 506(IC) | TBC 503 | XBC 501(IC) | | | | | |
| SAT | SBC 501 | TBC 506 | TBC 505 | | | | | |

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6. (a) an html page named as "frames.html". Divide the page into two columns of 20%, 80% size. In 20% size call the hyperlinks for "navigationframes.html", "floatingframes.html", "mixedframe.html", "noframe" and make the page to be get displayed on the other column when these links are clicked.

frames.html

```
<!doctype html>
<html>
<frameset cols="20%,80%">
<frame src="Hyperlink.html" name="menu_page">
<frame src="framesmain.html" name="main_page">
</frameset>
</html>
```

Hyperlink.html

```
<html>
<body bgcolor="green">
<a href="NavigationFrames.html" target="main_page">Navigation</a><br>
<a href="FloatingFrames.html" target="main_page">Floating Frames</a><br>
<a href="MixedFrame.html" target="main_page">MixedFrame</a><br>
</body> </html> framesmain.html
<html>
<body bgcolor="pink">
<h1> This is main page and content from any link will be displayed here.</h1>
<p>so now click any link and see the result</p>
</body>
</html>
```

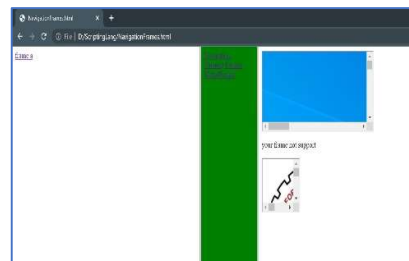
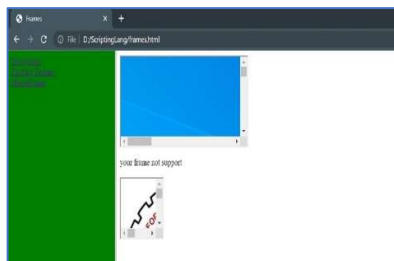
(b) Create an html page named as "navigationframe.html". Divide the page into two columns of 40%, 60% size. In 40% size call the hyperlink file created in above question, and make the page to be get displayed on the other column when the link is clicked.

NavigationFrames.html

```
<html>
<frameset cols="40%,60%">
<frame src="Navigation Frame.html">
<frame src="framesmain.html" name="showframe">
</frameset>
</html>
```

Navigation Frame.html

```
<html> <body bgcolor="green">
<a href="frames.html" target="showframe">frame a</a><br>
</body>
</html>
```



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7. (a) Create a student registration form as mentioned below and link this form to the form "student information".

User Id

Password

Login

(b) Create another form of name "Student Information" contains information as mentioned below

(i) Name

Email

Phone number

Gender

Course

Hobbies

Date of birth

Upload documents

Submit

StudentRegistration.html

```
<!DOCTYPE html>
<html>
  <body>
    <fieldset>
      <legend>Registration Form</legend>
      <form method="post" action="studentInfo.html">
        <label for="userid">User ID</label> <br>
        <input type="text" name="userid"> <br>
        <label for="pass">Password</label> <br>
        <input name="pass" type="password"> <br> <br>
        <button name="login" value="login">Login</button>
      </form>
    </fieldset>
  </body>
</html>
```

StudentInformation.html

```
<!DOCTYPE html>
<html>
  <body>
    <fieldset>
      <legend>Student Information</legend>
      <form method="post">
        <label for="name"> Name </label> <br>
        <input name="name" type="text"> <br>

        <label for="email"> Email </label> <br>
        <input name="email" type="email"> <br>

        <label for="PNo"> Phone Number </label> <br>
```

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```
<input name="PNo" type="tel"> <br>

<label for="gender"> Gender </label> <br>
<input name="gender" type="radio"> Male <br>
<input name="gender" type="radio"> Female <br>
<input name="gender" type="radio"> Other <br> <br>

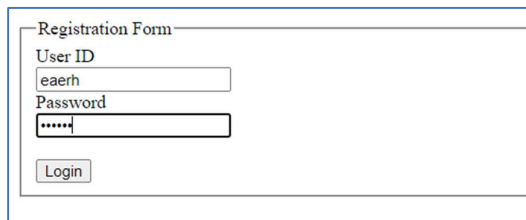
<label for="course"> Course </label> <br>
<select name="course">
    <option selected>BCA</option>
    <option>B.sc IT</option>
    <option>MCA</option>
</select> <br>

<label for="hobbies"> Hobbies </label> <br>
<input name="hobbies" list="hobbies">
<datalist id="hobbies">
<option value="Singing">Singing</option>
<option value="Dancing">Dancing</option>
<option value="Painting">Painting</option>
</datalist> <br>

<label for="DoB"> Date Of Birth </label> <br>
<input name="DoB" type="date"> <br> <br>

<label for="docs"> Upload Documents </label> <br>
<input name="docs" type="file" max="2"> <br> <br>
<input value="Submit" type="button">

</form>
</fieldset>
</body>
</html>
```



A screenshot of a web form titled "Registration Form". It contains two text input fields: "User ID" with the value "eaerh" and "Password" with masked characters "*****". Below these fields is a "Login" button.



A screenshot of a web form titled "Student Information". It contains several fields: "Name", "Email", "Phone Number", "Gender" (with radio buttons for Male, Female, and Other), "Course" (a dropdown menu showing "BCA"), "Hobbies" (a text input field), "Date Of Birth" (a date picker showing "mm/dd/yyyy"), "Upload Documents" (with a "Choose file" button and the text "No file chosen"), and a "Submit" button at the bottom.