Web Programming Lab 2

1. **Create an HTML file (e.g. first_page.html) that specifies a page that contains a heading and two paragraphs of text. Use the HTML tags <h1>,</h1>,<p> and </p>. Add an image to your web page. As an image, you can use any .jpg or .png file.**

```html
<> AddImgandText.html ×

Day 2 > <> AddImgandText.html > ...
1    <!DOCTYPE html>
2    <html lang="en">
3      <head>
4        <meta charset="UTF-8" />
5        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7        <title>First Page</title>
8      </head>
9      <body>
10       <h1>First Page</h1>
11       <h4>
12         Lorem ipsum dolor sit amet consectetur adipisicing elit. Unde ullam amet
13         atque veniam et, ducimus a iure, laudantium doloribus, quae incidunt
14         reprehenderit dolorum. Nostrum rerum corporis similique .
15       </h4>
16       <p>
17         Lorem ipsum dolor sit amet consectetur adipisicing elit.Aliquam, eos qui
18         placeat consequatur quibusdam dolores commodi accusamus maiores. Ducimus
19         corporis, necessitatibus commodi similique maxime aspernatur? Molestias
20         recusandae, laudantium sunt minus amet, cum numquam vero reprehenderit ab
21         ea repudiandae officiis natus sequi ratione perspiciatis eveniet a. Sunt
22         voluptatum consectetur adipisci repudiandae.
23       </p>
24
25       <img src="https://picsum.photos/300" alt="" />
26       <br />
27       <h2>Local Image</h2>
28       <img src="Wrangler.jpg" alt="" style="height: 200px; width: 300" />
29     </body>
30   </html>
31
```

Output:

First Page

Lorem ipsum dolor sit amet consectetur adipisicing elit. Unde ullam amet atque veniam et, ducimus a iure, laudantium doloribus, quae incidunt reprehenderit dolorum. Nostrum rerum corporis similique .

Lorem ipsum dolor sit amet consectetur adipisicing elit.Aliquam, eos qui placeat consequatur quibusdam dolores commodi accusamus maiores. Ducimus corporis, necessitatibus commodi similique maxime aspernatur? Molestias recusandae, laudantium sunt minus amet, cum numquam vero reprehenderit ab ea repudiandae officiis natus sequi ratione perspiciatis eveniet a. Sunt voluptatum consectetur adipisci repudiandae.

Local Image

2. Write HTML code to create following webpage.

a. Apply Heading 3 for the text 'List of Useful Websites'. Insert a horizontal line after

List of Useful Websites heading. Add hyperlinks to these.

- **Wikipedia**
- **Google**
- **Yahoo**

```html
<> HyperlinkWebpages.html  X

Day 2 > <> HyperlinkWebpages.html > ...
  1    <!-- 2. Write HTML code to create following webpage.
  2    a. Apply Heading 3 for the text 'List of Useful Websites'. Insert a horizontal line after
  3    List of Useful Websites heading. Add hyperlinks to these.
  4    ▯ Wikipedia
  5    ▯ Google
  6    ▯ Yahoo -->
  7    <!DOCTYPE html>
  8    <html lang="en">
  9      <head>
 10        <meta charset="UTF-8" />
 11        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
 12        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 13        <title>Hyperlink Websites</title>
 14      </head>
 15      <body>
 16        <h1>List of Useful Websites</h1>
 17        <ul>
 18          <li><a href="https://www.wikipedia.org/ ">wikipedia</a></li>
 19          <li><a href="https://www.google.com/ ">Google</a></li>
 20          <li><a href="https://www.yahoo.com/ ">Yahoo</a></li>
 21        </ul>
 22      </body>
 23    </html>
 24
```

Output:

List of Useful Websites

- wikipedia
- Google
- Yahoo

3. Create a registration page and a resume page . a. Create a link in registration page with the name Resume and user should be navigated to resume page.

b. Define a link to move back to registration page .

c. Apply the possible styling using CSS.

Registration Page

```
RegistrationPage.html ×

Day 2 >  RegistrationPage.html > ...
 1     <!DOCTYPE html>
 2     <html lang="en">
 3       <head>
 4         <meta charset="UTF-8" />
 5         <meta http-equiv="X-UA-Compatible" content="IE=edge" />
 6         <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 7         <title>registration_Page</title>
 8       </head>
 9       <body>
10         <h1 style="background: rgb(248, 119, 6); padding: 16px">
11           Registration page
12         </h1>
13         <br />
14         <input type="text" placeholder=" Enter Your Username " />
15         <br />
16         <input type="password" placeholder="Enter YOur Password" />
17         <br />
18         <input
19           style="background-color: darkgrey; padding: 12px"
20           type="button"
21           value="Register"
22         />
23         <ul>
24           <a href="http://127.0.0.1:5500/Resume.html ">Resume</a>
25         </ul>
26       </body>
27     </html>
28
```

Registration page

Enter Your Username
Enter YOur Password

Register

Resume

Resume:

```html
1    <!DOCTYPE html>
2    <html lang="en">
3      <head>
4        <meta charset="UTF-8" />
5        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7        <title>Resume</title>
8      </head>
9      <body>
10       <h1><center>HARSH CHAUDHARI</center></h1>
11       <p>
12         <center>Email : harshkc17@gmail.com | Contact no. : 7410779343</center>
13       </p>
14
15       <h3>
16         Objective
17         <hr style="height: 2px; background-color: ☐black" />
18       </h3>
19       <p>
20         To work for an organization which would help me explore and realize my
21         potential in a challenging and creative environment
22       </p>
23
24       <h3>
25         Education
26         <hr style="height: 2px; background-color: ☐black" />
27       </h3>
28       <table style="width: 100%">
29         <tr>
30           <td style="width: 70%">
31             <b>Bachelor of Engineering, Terna Engineering College</b>
32           </td>
33           <td>Aug 2022</td>
34         </tr>
35         <tr>
36           <td>Major in Mechanical Engineering</td>
37         </tr>
38         <tr>
39           <td>Cumulative GPA: 7.53/10</td>
40         </tr>
41       </table>
42
43       <table style="width: 100%">
44         <tr>
45           <td style="width: 70%"><b>Moolji Jetha College</b></td>
46           <td>Feb 2018</td>
47         </tr>
48         <tr>
49           <td>Percentage: 76.15%</td>
50         </tr>
51       </table>
```

```html
        <table style="width: 100%">
          <tr>
            <td style="width: 70%"><b>Raosaheb Rupchand Vidyalaya</b></td>
            <td>Mar 2016</td>
          </tr>
          <tr>
            <td>Percentage: 85.8%</td>
          </tr>
        </table>

        <h3>
          Skills
          <hr style="height: 2px; background-color: ☐black" />
        </h3>
        <ul>
          <li><b>Programming Languages : </b> C, C++, Java, python</li>
          <li><b>Data Analytics Skills : </b> SQL</li>
          <li><b>Software Skills: </b>MS Office, AutoCAD, PTC Creo, SolidWorks</li>
        </ul>

        <h3>
          Experience
          <hr style="height: 2px; background-color: ☐black" />
        </h3>
        <table style="width: 100%">
          <tr>
            <td style="width: 70%">
              <b>Industrial Training</b>
            </td>
            <td>Jalgaon,India</td>
          </tr>
          <tr>
            <td>Star Fabricators</td>
            <td>Aug 2021 ☐ Sep 2021</td>
          </tr>
        </table>
        <ul>
          <li>Worked in a tool room.</li>
          <li>Learn how to assemble a mould and a presstool.</li>
          <li>
            Study about various machining operations such as EDM, VMC, and WIRE-CUT.
          </li>
          <li>Get a Knowledge of Quality Control and worked on CMM</li>
        </ul>
```

```
 98         <h3>
 99             Project
100             <hr style="height: 2px; background-color: ☐black" />
101         </h3>
102         <table style="width: 100%">
103             <tr>
104                 <td style="width: 70%">
105                     <b>Design and Analysis of Cycloidal Drive</b>
106                 </td>
107                 <td>Jan 2021 ⊟ Apr 2022</td>
108             </tr>
109         </table>
110         <ul>
111             <li>The project aims to design and analysis of cycloidal gearbox</li>
112             <li>
113                 A cycloidal drive is a mechanism for reducing the speed of an input
114                 shaft and increasing the torque of an output shaft by a certain ratio
115             </li>
116             <li>
117                 The cycloidal drive's 3D model is created in Solidworks, and the
118                 analysis is completed in Ansys
119             </li>
120         </ul>
121
122         <ul>
123             <a href="http://127.0.0.1:5500/Day%202/RegistrationPage.html"
124                 >Registration Page</a
125             >
126         </ul>
127     </body>
128 </html>
```

Output:

HARSH CHAUDHARI

Email : harshkc17@gmail.com | Contact no. : 7410779343

Objective

To work for an organization which would help me explore and realize my potential in a challenging and creative environment

Education

Bachelor of Engineering, Terna Engineering College	Aug 2022
Major in Mechanical Engineering	
Cumulative GPA: 7.53/10	
Moolji Jetha College	Feb 2018
Percentage: 76.15%	
Raosaheb Rupchand Vidyalaya	Mar 2016
Percentage: 85.8%	

Skills

- **Programming Languages :** C, C++, Java, python
- **Data Analytics Skills :** SQL
- **Software Skills:** MS Office, AutoCAD, PTC Creo, SolidWorks

Experience

Industrial Training	Jalgaon,India
Star Fabricators	Aug 2021 – Sep 2021

- Worked in a tool room.
- Learn how to assemble a mould and a presstool.
- Study about various machining operations such as EDM, VMC, and WIRE-CUT.
- Get a Knowledge of Quality Control and worked on CMM

Project

Design and Analysis of Cycloidal Drive	Jan 2021 – Apr 2022

- The project aims to design and analysis of cycloidal gearbox
- A cycloidal drive is a mechanism for reducing the speed of an input shaft and increasing the torque of an output shaft by a certain ratio
- The cycloidal drive's 3D model is created in Solidworks, and the analysis is completed in Ansys

Registration Page