

CENTURION

**UNIVERSITY OF TECHNOLOGY AND MANAGEMENT
Andhra Pradesh**

ADVANCED WEB PROGRAMMING Laboratory Record



**Centurion
UNIVERSITY**

Submitted By

Name: P.THANUJA

Reg.No: 211801400013

Branch: ECE(EBM) Section: E Semester: 4

2022 – 2023

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT
SCHOOL OF ENGINEERING AND TECHNOLOGY, ANDHRA PRADESH
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

CERTIFICATE



**Centurion
UNIVERSITY**

This is to certify that

Mr/Ms. P.THANUJA With Registration

No. 211801400014 of B.Tech 4 Semester has

conducted 23 Experiments in Advanced web programming

Laboratory

Faculty in -Charge

Head of the Department

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT
SCHOOL OF ENGINEERING AND TECHNOLOGY, ANDHRA PRADESH
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

EVALUATION SHEET

Name of the Candidate: P.THANUJA
Regd No. 211801400014
Name of the Laboratory: Advanced Web Programming

| S.No | Date | Attendance (1M) | Labwork (4M) | Record (3M) | Viva (2M) | Total Mark (10M) |
|--------------------|------|--------------------|-----------------|----------------|-----------|---------------------|
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| | | | | | | |
| | | | | | | |
| Total Marks | | | | | | |

Signature of the Faculty

INDEX

| S.NO. | TITLE | PG NO. |
|-------|--|--------|
| 1. | Html Code to display cv on a webpage | |
| 2. | Html code to Create a homepage having links: about us, services, and contact us. | |
| 3. | Html code to create a registration form | |
| 4. | Html code to create your institute website, department and tutorial website for specific subject | |
| 5. | Html code to create a frameset having header, navigation and control section. | |
| 6. | Html code to demonstrate inline css | |
| 7. | Html code to demonstrate internal css | |
| 8. | Html code to demonstrate external css | |
| 9. | Design your own website using html code | |
| 10. | Design form using html and apply css | |
| 11. | JavaScript to prompt for user's name and display it on the screen | |
| 12. | Html form to keep student record and validate it using JavaScript | |
| 13. | Program using JavaScript for webpages to display browsers information | |
| 14. | Validate form page using JavaScript | |
| 15. | User jQuery hide () effect in page | |
| 16. | jQuery code to find the data passed with the on () method for each element | |
| 17. | Position of mouse pointer relative to the left and top edges of the document | |
| 18. | Count the number of milliseconds between two click events on a paragraph | |
| 19. | Find all the text nodes inside a paragraph and wrap them with an italic tag | |
| 20. | Application using AJAX to show the table of numbers given by user at runtime | |
| 21. | Access web service using AJAX and handle using JSON | |
| 22. | Create a responsive website using bootstrap | |
| 23. | Develop student registration web application using PHP | |

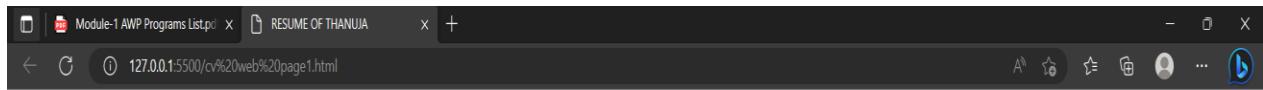
EXPERIMENT-1

Write an HTML code to display your CV on a web page.

```
<!-- About us2.html --> <!-- our services2.html --> <!-- homepage2.html --> <!-- CONTACT US 2.html --> <!-- cv web page1.html 1 -->

<!-- cv web page1.html --> <html> <body> <ul>
1   ## an html code to display your cv on a web page
2   <!DOCTYPE html>
3   <html lang="en"><html>
4     <head>
5       <title>RESUME OF THANUJA</title>
6     </head>
7     <body>
8       <div id="resume">
9         <h1>PANCHADA THANUJA</h1>
10        <h2>NOW ROJI ROAD VIZAG</h2>
11        <h2>PIN:530002</h2>
12        <h3>PHONE NUMBER:8074231397</h3>
13        <h3>EMAIL:panchadathanuja@gmail.com</h3>
14        <br />
15      </div>
16      <h2>PROFILE</h2>
17      <p>
18        I want to become a Data scientist.as i am much interested in analysis and visualiziation using python.
19      </p>
20      <br />
21      <h2>EDUACTION</h2>
22      <h3>SCHOOLING</h3>
23      <ul style="list-style-type: square;">
24        <li>
25          Priyanaka Vidoyadaya High school,10th CGP-9.2
26        </li>
27      </ul>
28      <h3>INTERMEDIATE</h3>
29      <ul style="list-style-type: none;">
30        <li>
31          Sri chaitanya,12th CGP-9.0
32        </li>
33      </ul>
34
35    </div>
36
37    <h3>GRADUATION-B.Tech</h3>
38    <ul>
39      <li>
40        CENTURION UNIVERSITY,CGP-8.9 SECOND SEM
41      </li>
42    </ul>
43    <h3>PROJECT</h3>
44    <ul>
45      <li>
46        A minor project based on csv file.
47      </li>
48      <li>
49        Visualization and analysis of Crimes aganist women in india such as topic of how much of women are suffering because of these crimes , how many states were under crime rate ,how much percentage of women were suffered because of these crimes.And worked on project of automatic lights of using ultrasonic sensor.presently working on Breast cancer prediction using SVM.
50      </li>
51    </ul>
52    <h3>skills</h3>
53    <p>programming</p>
54    <ul>
55      <li>
56        python
57      </li>
58    </ul>
59    <ul>
60      <li>
61        Machine learning
62      </li>
63    </ul>
64    <h3>Hobbies and interests</h3>
65    <div>
66      Watching movies,going to parties,attending workshops on aws and python course.
67    </div>
68
69    <!--THIS DIV CENTERS OUR LINKS-->
70    <div id="bottom" style="background-color: #rgb(242, 243, 243);>
71      <p>
72        <a href="index.html">RESUME HOME </a> | <a href="#">SIMPLE RESUME</a> | <a href="resume.html">COMPLEX RESUME</a> | <a href="code.html">
73
74      </p>
75    </div>
76  </div>
77  </div>
78  </body>
79 </html>
```

OUTPUT:



an html code to dispaly your cv on a web page

PANCHADA THANUJA

NOW ROJI ROAD VIZAG

PIN:530002

PHONE NUMBER:8074231397

EMAIL:panchadathanuja@gmail.com

PROFILE

I want to become a Data scientist.as i am much interested in analysis and visualiization using python.

EDUACTION

SCHOOLING

- Priyanaka Vidoyadaya High school,10th CGP-9.2

INTERMEDIATE

- Sri chaitanya,12th CGP-9.0

GRADUATION-B.Tech

- CENTURION UNIVERSITY,CGP-8.9 SECOND SEM

PROJECT

- A minor project based on csv file.
- Visualization and analysis of Crimes aganist women in india such as topic of how much of women are suffering because of these crimes , how many states were under crime rate ,how much percentage of women were suffered becuase of these crimes.And worked on project of automatic lights of using ultrasonic sensor.presently working on Breast cancer prediction using SVM.

Skills

programming

- python
- Machine learning

Hobbies and interests

Watching movies,going to parties,attending workshops on aws and python course.

[RESUME HOME](#) | [SIMPLE RESUME](#) | [COMPLEX RESUME](#) | [SEE HTML](#) | [SEE CSS](#)

EXPERIMENT-2

ML code to create a Home page having three links: About Us, Our Services and Contact Us. Create separate web pages for the three links

```
↳ About us2.html  ↳ our services2.html  ↳ homepage2.html X  ↳ CONTACT US 2.html  ...  
↳ homepage2.html > ...  
1 <html>  
2 <head>  
3 <title>Thanuja's Page</title>  
4 </head>  
5 <body>  
6 |  
7 | <a href="http://127.0.0.1:5500/About%20us.html">ABOUT US</a>  
8 | <a href="http://127.0.0.1:5500/our%20services.html">OUR SERVICES</a>  
9 | <a href="http://127.0.0.1:5500/CONTACT%20US.html">CONTACT US</a>  
10 |  
11 |</body>  
12 |</html>
```

2.1 -ABOUT US

```
↳ About us2.html X  ↳ our services2.html  ↳ homepage2.html  ↳ CONTACT US 2.html  ...  
↳ About us2.html > ⚡ html  
1 <html>  
2 <head>  
3 <title>  
4 | About us  
5 | </title>  
6 | </head>  
7 | <h1>ABOUT US</h1>  
8 |</html>|
```

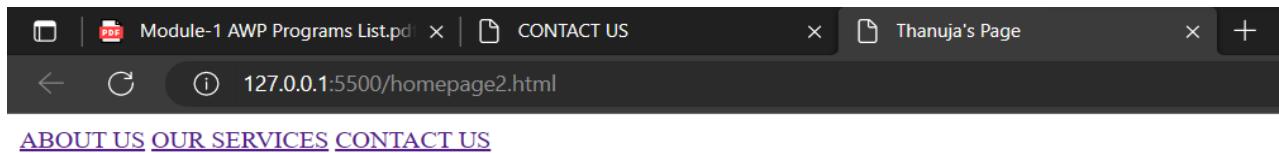
2.2 – OUR SERVICES

```
↳ About us2.html  ↳ our services2.html X  ↳ homepage2.html  ↳ CONTACT US 2.html  ...  
↳ our services2.html > ⚡ html > ⚡ h1  
1 <html>  
2 <head>  
3 <title>  
4 | OUR SERVICES  
5 | </title>  
6 | </head>  
7 | <h1>OUR SERVICES</h1>  
8 |</html>
```

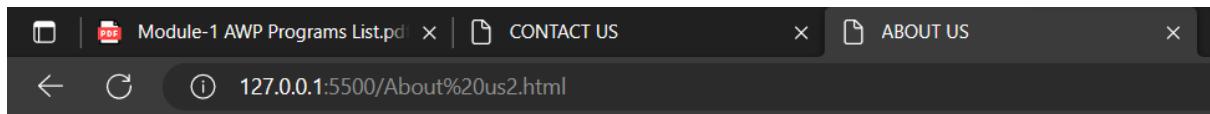
2.3 -CONTACT US

```
↳ About us2.html  ↳ our services2.html  ↳ homepage2.html  ↳ CONTACT US 2.html X  ...  
↳ CONTACT US 2.html > ⚡ html > ⚡ h1  
1 <html>  
2 <head>  
3 <title>  
4 | CONTACT US  
5 | </title>  
6 | </head>  
7 | <h1>CONTACT US</h1>  
8 |</html>
```

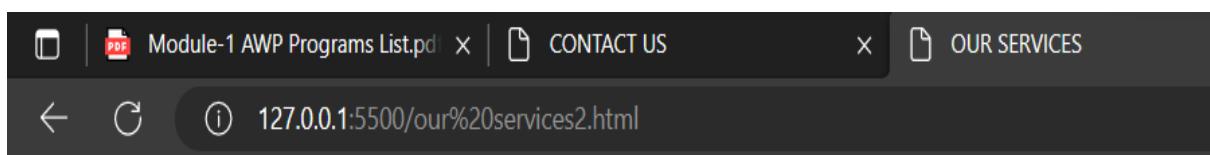
OUTPUT:



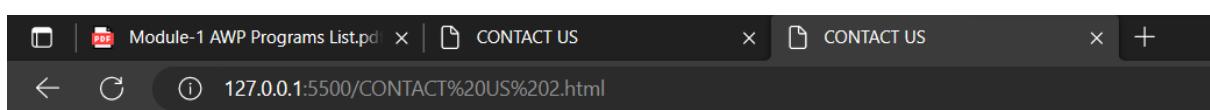
- If we click on About us:



- If we click on Our services:



- If we click on contact us:



EMAIL: abcdserivces@gmail.com

EXPERIMENT-3

Write an HTML code to create a Registration Form. On submitting the form, the user should be asked to login with this new credentials.

```
<> registration 3.html ●
<> registration 3.html > html > body > form > table > tr > td > input
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</title>
8  :/head>
9  :body>
10     <form action="#" name="Student Registration" onsubmit="return(validate());">
11         <table cellpadding="10" width="30%" bgcolor="#f4a460" align="centre" cellspacing="3">
12             <tr>
13                 <td colspan=4>
14                     <centre><font size=4><b>Student Registration form</b></font></centre>
15                 </td>
16             </tr>
17             <tr>
18                 <td>Name</td>
19                 <td><input type="text" name=textnames id="textname" size="40"></td>
20             </tr>
21             <tr>
22                 <td>
23                     Father Name</td>
24                 <td><input type="text" name=fathername id="fathername" size="40"></td>
25             </tr>
26             <tr>
27                 <td>Postal Address
28                     </td>
29                     <td><input type="text" name=paddress id="paddress" size="40"></td>
30             </tr>
31             <tr>
32                 <td>Personal Address
33             </td>
34                 <td><input type="text" name=personaladdress id="personaladdress" size="40"></td>
35             </tr>
36             <tr>
37                 <td>Sex</td>
38                     <td><input type="radio" name="sex" value="male" size="10">Male <input type="radio" name="sex"
39                         value="Female" size="10">Female</td>
40             </tr>
41             <tr>
42                 <td>City</td>
43                     <td><select name="City">
44                         <option value="-1" selected>select..</option>
45                         <option value="New Delhi">NEW DELHI</option>
46                         <option value="Mumbai">MUMBAI</option>
47                         <option value="Goa">GOA</option>
48                         <option value="Patna">PATNA</option>
49                     </select></td>
50             </tr>
51             <tr>
52                 <td>Course</td>
53                     <td><select name="Course">
54                         <option value="-1" selected>select..</option>
55                         <option value="B.Tech">B.TECH</option>
56                         <option value="BSC">BSC</option>
57                         <option value="MBA">MBA</option>
58                         <option value="MCA">MCA</option>
59                     </select></td>
60             </tr>
61             <tr>
62                 <td>District</td>
63                     <td><select name="District">
64                         <option value="-1" selected>select..</option>
65                         <option value="Nalanda">vizag</option>
66                         <option value="UP">vizayanagaram</option>
67                         <option value="Goa">srikakulam</option>
68                         <option value="krishna">PATNA</option>
69                     </select></td>
70             </tr>
```

```

71      <tr>
72        <td>State</td>
73        <td><select Name="State">
74          <option value="-1" selected>select..</option>
75          <option value="ANDHRA PRADESH">ANDHRA PRADESH</option>
76          <option value="Mumbai">MUMBAI</option>
77          <option value="TELANGA">TELANGA</option>
78          <option value="GOA">GOA</option>
79        </select></td>
80      </tr>
81      <tr>
82        <td>PinCode</td>
83        <td><input type="text" name="pincode" id="pincode" size="40"></td>
84      </tr>
85      <tr>
86        <td>EmailId</td>
87        <td><input type="text" name="emailid" id="emailid" size="40"></td>
88      </tr>
89      <tr>
90        <td>DOB</td>
91        <td><input type="text" name="dob" id="dob" size="40"></td>
92      </tr>
93      <tr>
94        <td>MobileNo</td>
95        <td><input type="text" name="mobilenno" id="mobilenno" size="40"></td>
96      </tr>
97      <tr>
98        <td><input type="reset"></td>
99        <td colspan="3"><input type="submit" value="Submit Form" /></td>
100       </tr>
101     </table>
102   </body>
103 </html>

```

OUTPUT:

Student Registration form

| | |
|--------------------------------------|--|
| Name | Thanuja Panchada |
| Father Name | Ramana Panchada |
| Postal Address | 14-1-53/1 |
| Personal Address | nowroji road |
| Sex | <input type="radio"/> Male <input checked="" type="radio"/> Female |
| City | GOA |
| Course | B.TECH |
| District | vizag |
| State | ANDHRA PRADESH |
| PinCode | 530002 |
| EmailId | pancadathanuja@gmail.com |
| DOB | 06-08-2003 |
| MobileNo | 8074231397 |
| <input type="button" value="Reset"/> | <input type="button" value="Submit Form"/> |

EXPERIMENT-4

Write an HTML code to create your Institute website, Department Website and Tutorial website for specific subject.

```
<!-- institue wesite4.1.html -->
<!-- ece4.2.html -->
<!-- vlsi4.3.html -->
<!-- vlsi pic.html -->

<!-- institue wesite4.1.html > <html> <p>
1   <!doctype html>
2   <html>
3     <head>
4       <title>Institue</title> </head>
5   <h1 style="color: #aqua; text-align:center; width:80%; margin:30px 180px">CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT </h1>
6   <br>   <video width="1000" height="450px" controls>
7     <source src="video.mp4" type="video/mp4">
8     Your browser does not support the video tag. </video>
9
10  <br>
12
13    <h2 style="color: #blue;">OVERVIEW</h2>
14  <hr>  <p style="color: #brown;">From the inception, Centurion University's DNA has been "Shaping lives and empowering communities"</p>
15  
16    <ol style="color: #orange;">
17      <li>Skill integrated, domain linked, teaching and learning</li>
18    <li>Industry and community partnership</li>  </ol>
19    <p style="color: #green;">The University has five campuses and a number of social entrepreneurial outreach wings that,
20      along with collaborating institutions and networks, form its ecosystem. The campuses are located at Paralakhemundi,
21      Bhubaneswar, Rayagada, Bolangir and Balasore which house a number of Schools. </p>
22
23    <hr>
24      <h2 style="color: #blue;">PLACEMENTS</h2>
25        <h3 style="color: #pink;">Career Development Cell</h3>
26        <hr>
27        <p style="color: #green;">Students are encouraged to seek opportunities and enhance their learning experience with practical
28          knowledge. The Career Development Cell provides a platform for the students and the companies as well so that the
29          collaboration is mutually beneficial.</p>
30
31        <br>
32  <a href="http://127.0.0.1:5500/program6.1.html">Click here to visit ECE website</a>
33 </body>
34 </html>
```

4.2- ECE WEBSITE:

```
<!-- institue wesite4.1.html -->
<!-- ece4.2.html -->
<!-- vlsi4.3.html -->

<!-- ece4.2.html > <html> <body> <table> <tr> <td>
1   <!doctype html>
2   <html>
3     <head>
4       <style>
5         table, th, td {
6           border: 1px solid white; border-collapse: collapse;
7         }
8       </style>
9       <title>ECE Department</title>
10  </head>
11  <body style="background-color: #rgb(221, 238, 111)">
12  <h1 style="color: #rgb(190, 50, 146);text-align:center; width:75%; margin:10px 180px">ELECTRONICS AND COMMUNICATIONAL ENGINEERING</h1><br>
13
14  <br>
15
16  <h2 style="color: #rgb(209, 92, 19);">What is Electronicss And Communicational Engineering?</h2>
17
18  <p style="color: #rgba(0, 14, 11, 0.973);>An electronics and communication engineer can work in aviation and avionics,
19    consumer electronics, electricity plant, manufacturing, transportation, communication & telecommunication, computer application,
20    radio & television, diagnostic equipment manufacturing, and offshore companies. There is an opportunity to get a
21    central government job, state government job, and in public & private sectors. Some job titles are listed here:
22    Electronics Engineer, Field Test Engineer, Network Planning Engineer, Electronics and Communications Consultant,
23    Customer Support Engineer, Electronics Technician, Associate Firstline Technician, Research and Development Software Engineer,
24    Service Engineer, Senior Sales Manager, Technical Director. By viewing ECE we can get:
25  </p>
```

```

26
27     <table style="width:50%">
28         <tr>
29             |     <td>Teamwork</td>
30             |     <td>Strong IT skills</td>
31         </tr>
32         <tr>
33             |     <td> Project management</td>
34             |     <td>Communication</td>
35         </tr>
36         <tr>
37             |     <td>Time Management</td>
38             |     <td>Innovation</td>
39         </tr>
40         <tr>
41             |     <td>Apptitude For Mathematics</td>
42             |     <td>Attention to detail</td>
43         </tr>
44         <tr>
45             |     <td>Amethodical mind</td>
46             |     <td>Ability to grasp the knowledge quickly</td>
47         </tr>
48     </table><br>
49     <a href="http://127.0.0.1:5500/program6.2.html">click me visit for vlsi tutorial</a>
50
51

```

4.3-VLSI WEBSITE:

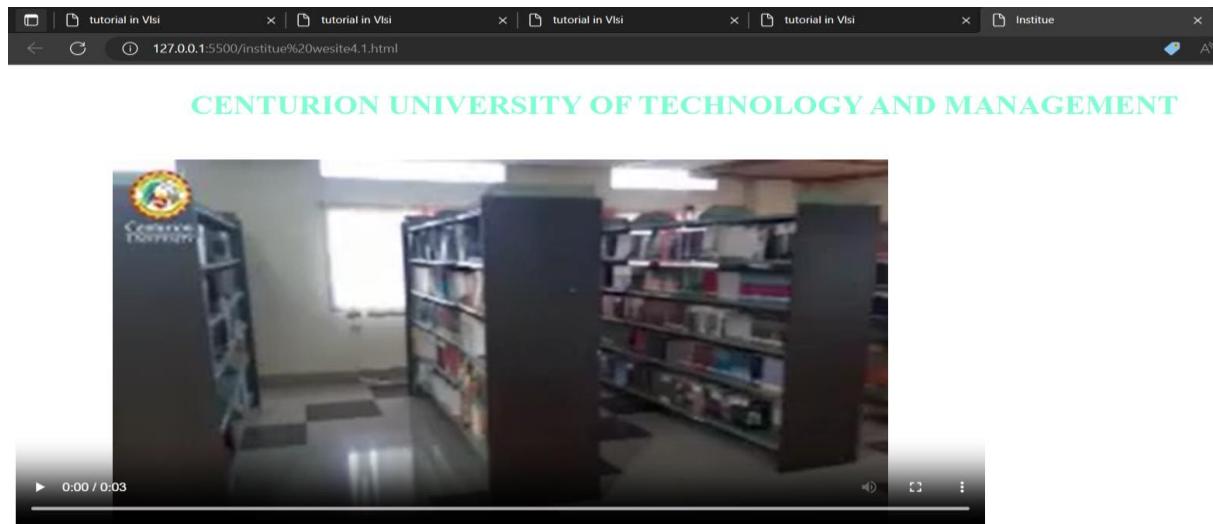
ⓘ institue wesite4.1.html ⓘ ece4.2.html ⓘ vlsi4.3.html X

```

    Ⓡ vlsi4.3.html > Ⓡ html > Ⓡ body > Ⓡ p
    1   <!doctype html>
    2   <html>
    3       <head>
    4           <title>tutorial in Vlsis</title>
    5       </head>
    6       <body style="background-color: #rgb(192, 220, 230)">
    7           <h1 style="color: #red;text-align:center;width:75%;margin:10px 180px">VLSI </h1><br>
    8           <h4>VLSI is the process of integrating or embedding hundreds of thousands of transistors on a single silicon
    9           semiconductor microchip. VLSI began in the 1970s when complex semiconductor and communication technologies
    10          were being developed. The microprocessor is a VLSI device. Before the introduction of VLSI technology,
    11          most ICs had a limited set of functions they could perform. An electronic circuit might consist of a CPU,
    12          ROM, RAM and other glue logic. VLSI lets IC designers add all of these into one chip. The electronics industry
    13          has achieved a phenomenal growth over the last few decades, mainly due to the rapid advances in large scale
    14          integration technologies and system design applications. With the advent of very large scale integration
    15          designs, the number of applications of integrated circuits (ICs) in high-performance computing, controls,
    16          telecommunications, image and video processing, and consumer electronics has been rising at a very fast pace.</h4>
    17       <br>
    19       <h2 style="color: #blue;">VLSI USED FOR:</h2><br>
    20       <p>VLSI is mainly used to design electronic components like microprocessors and memory chips,
    21           which require millions of transistors. VLSI circuits are used everywhere, including microprocessors
    22           in a personal computer, chips in a graphic card, digital camera or camcorder, chips in a cell phone,
    23           embedded processors, and safety systems like anti-lock braking systems in an automobile, personal entertainment systems,
    24           medical electronic systems etc<br><br>
    25   </p>   <br>
    26       <h2 style="color: #blue;">BLOCK DIAGRAM FOR VLSI</h2><br>
    27       <p>Designing a VLSI Chip includes a few problems such as functional design, logic design, circuit design,
    28           and physical design. The design is verified for accuracy by the process of simulation. If any design errors
    29           are found at any stage of verification, at least one of the previous design steps must be repeated to correct the
    30           error during the process of designing.</p>
    31       <br>
    32
    33   </body>
    34
    35 </html>
  
```

OUTPUT :

INSTITUTE WEBSITE :



OVERVIEW

>From the inception, Centurion University's DNA has been "Shaping lives and empowering communities"



1. Skill integrated, domain linked, teaching and learning
2. Industry and community partnership

The University has five campuses and a number of social entrepreneurial outreach wings that, along with collaborating institutions and networks, form its ecosystem. The campuses are located at Paralakhemundi, Bhubaneswar, Rayagada, Bolangir and Balasore which house a number of Schools.

PLACEMENTS

Career Development Cell

Students are encouraged to seek opportunities and enhance their learning experience with practical knowledge. The Career Development Cell provides a platform for the students and the companies as well so that the collaboration is mutually beneficial.



[Click here to visit ECE website](#)

OUTPUT FOR ECE WEBSITE:

The screenshot shows a web browser window with the title bar "ECE Department". The address bar displays the URL "127.0.0.1:5500/ece4.2.html". The main content area has a yellow background. At the top center, it says "ELECTRONICS AND COMMUNICATIONAL ENGINEERING" in bold black capital letters. Below this is a large graphic of a microchip with a stylized "ECE" logo in gold and black. Underneath the graphic, the text "What is Electronics And Communicational Engineering?" is displayed in orange. A paragraph of text follows, describing various fields where ECE engineers can work. To the left of the text, there is a list of skills with corresponding icons. At the bottom left, there is a link "click me visit for vlsi tutorial".

What is Electronics And Communicational Engineering?

An electronics and communication engineer can work in aviation and avionics, consumer electronics, electricity plant, manufacturing, transportation, communication & telecommunication, computer application, radio & television, diagnostic equipment manufacturing, and offshore companies. There is an opportunity to get a central government job, state government job, and in public & private sectors. Some job titles are listed here: Electronics Engineer, Field Test Engineer, Network Planning Engineer, Electronics and Communications Consultant, Customer Support Engineer, Electronics Technician, Associate Firstline Technician, Research and Development Software Engineer, Service Engineer, Senior Sales Manager, Technical Director. By viewing ECE we can get:

| | |
|--------------------------|--|
| Teamwork | Strong IT skills |
| Project management | Communication |
| Time Management | Innovation |
| Aptitude For Mathematics | Attention to detail |
| An analytical mind | Ability to grasp the knowledge quickly |

[click me visit for vlsi tutorial](#)

OUTPUT FOR VLSI WEBSITE:

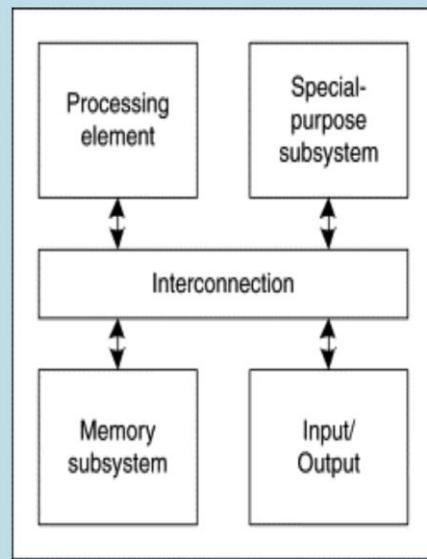
The screenshot shows a web browser window with the title bar "ECE Department" and a tab labeled "tutorial in Vlsi". The address bar displays the URL "127.0.0.1:5500/vlsi4.3.html". The main content area has a light blue background. At the top center, the word "VLSI" is written in red. Below this, a paragraph of text describes the history and significance of VLSI technology. A large photograph of a person's hands holding a small green integrated circuit chip is centered in the lower half of the page.

VLSI

VLSI is the process of integrating or embedding hundreds of thousands of transistors on a single silicon semiconductor microchip. VLSI began in the 1970s when complex semiconductor and communication technologies were being developed. The microprocessor is a VLSI device. Before the introduction of VLSI technology, most ICs had a limited set of functions they could perform. An electronic circuit might consist of a CPU, ROM, RAM and other glue logic. VLSI lets IC designers add all of these into one chip. The electronics industry has achieved a phenomenal growth over the last few decades, mainly due to the rapid advances in large scale integration technologies and system design applications. With the advent of very large scale integration designs, the number of applications of integrated circuits (ICs) in high-performance computing, controls, telecommunications, image and video processing, and consumer electronics has been rising at a very fast pace.

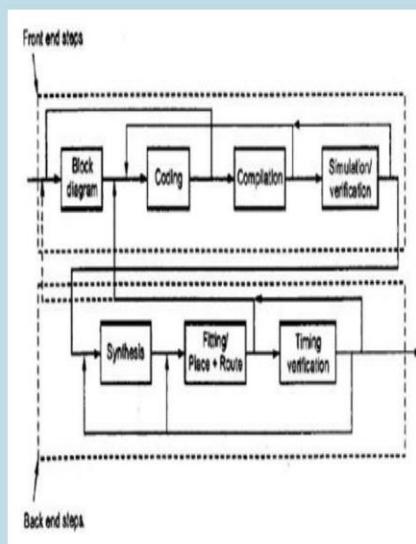
VLSI USED FOR:

VLSI is mainly used to design electronic components like microprocessors and memory chips, which require millions of transistors. VLSI circuits are used everywhere, including microprocessors in a personal computer, chips in a graphic card, digital camera or camcorder, chips in a cell phone, embedded processors, and safety systems like anti-lock braking systems in an automobile, personal entertainment systems, medical electronic systems etc



BLOCK DIAGRAM FOR VLSI

Designing a VLSI Chip includes a few problems such as functional design, logic design, circuit design, and physical design. The design is verified for accuracy by the process of simulation. If any design errors are found at any stage of verification, at least one of the previous design steps must be repeated to correct the error during the process of designing.

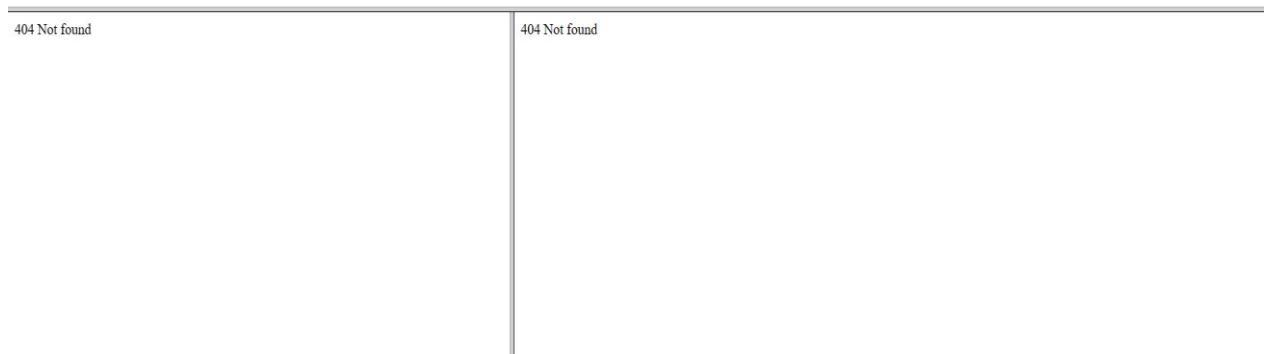


EXPERIMENT-5

Write an HTML code to create a frameset having header, navigation and content sections.

```
frameset5.html X head.html content.html navigation.html
frameset5.html > html
1 <html>
2 <title>navigation</title>
3 <FRAMESET Rows = "50%,*" >
4 <Frame Src="head.html" title="head frame" >
5 <FRAMESET Cols = "40%,*">
6 <Frame Src="navigation.html" title="navigation frame">
7 <Frame Src="content.html" title="content frame">
8 </FRAMESET>
9 </FRAMESET>
10 </html>
```

OUTPUT:

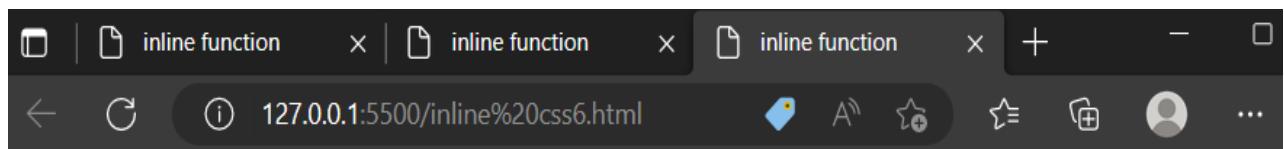


EXPERIMENT-6

Write an HTML code to demonstrate the usage of inline CSS.

```
< inline css6.html >
< inline css6.html > html
1  <!doctype html>
2  <html>
3  <head>
4  <title>inline function</title>
5  </head>
6  <body>
7  <h1 style="color: #rgb(242, 9, 9);text-align:center;">Demonstration of Xilinx software</h1>
8  <p style="border:4px solid #rgb(244, 238, 238) ; color: #rgba(102, 194, 244, 0.814);">Open the IDE <br>
9  Click on new project<br>
10 Create a file name<br>
11 | </p>
12 </body>
13 </html>
```

OUTPUT:



Demonstration of Xilinx software

Open the IDE
Click on new project
Create a file name

EXPERIMENT-7

Write an HTML code to demonstrate the usage of internal CSS.

```
internal css7.html ...
internal css7.html ...
1 <!doctype html>
2 <html>
3 <head>
4 <title>internal css function</title>
5 <style>
6 body{background-color: yellow;}
7 h1{color: red;}
8 h1{text-align:center;} p{color: black;}
9 </style>
10 </head>
11 <body>
12 <h1>Demonstration of internal css</h1>
13 <p>An internal CSS is used to define a style for a single HTML page.<br>
14 An internal CSS is defined in the head section of an HTML page, within a style element.<br>
15 </p>
16 </body>
17 </html>
```

OUTPUT:

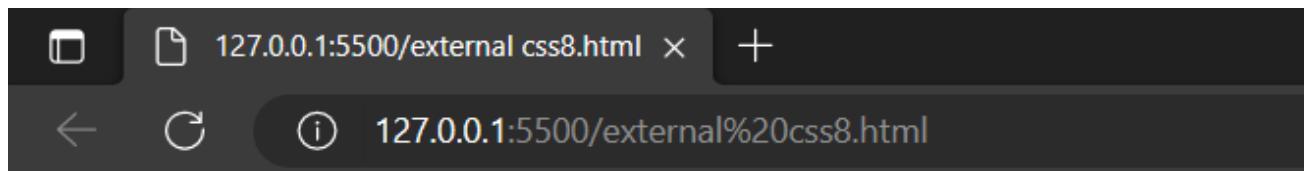


EXPERIMENT-8

Write an HTML code to demonstrate the usage of external CSS.

```
external css8.html X
external css8.html > html > body > p
1  !DOCTYPE html>
2  <html>
3  <head>
4  <link rel="stylesheet" href="external.css">
5  </head>
6  <body>
7  <h1 style="color: red">External CSS</h1>
8  <p>An external style sheet is used to define the style for many HTML pages.<br>
9  </p>
10 </body>
11 </html>
```

OUTPUT:



External CSS

An external style sheet is used to define the style for many HTML pages.

EXPERIMENT-9

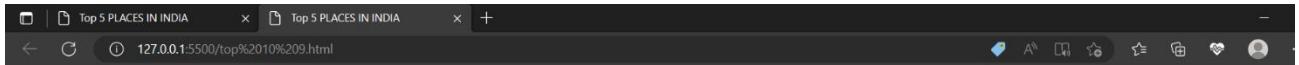
Design your own website using HTML CSS.

```
external css8.html    top 10 9.html

top 10 9.html > html > body > img
1  <!doctype html>
2  <html>
3  <head>
4  <title>Top 5 PLACES IN INDIA</title>
5  </head>
6  <body style="background-color: #rgb(238, 230, 230);">
7  <h1 style="color: #red;text-align:center;">TOP 5 PLACES IN INDIA</h1>
8  | <h2 style="color: #blue;">5.ELLORA& AJANTA CAVES</h2>
9  
10 <p style="color: #green;">In the state of Maharashtra, you can explore the caves of both Ellora and Ajanta. At Ellora, there is an
11 enormous complex of shrines carved from the rocky landscape. Ajanta caves and Ellora caves are among the earliest Buddhist
12 architectures. The Ajanta and Ellora caves have evolved during the period 2nd century BC to 6th Century AD. The paintings and
13 sculptures of Ajanta and Ellora caves are UNESCO World Heritage Sites since 1983 and are considered masterpieces of Buddhist
14 religious art that had a great influence in the development of art in India. </p>
15 | <h2 style="color: #blue;">4.VARANASI</h2>
16 
17 <p style="color: #green;">With a history dating back to more than 3,000 years, Varanasi is one of the worlds oldest living cities.
18 Varanasi, also known as Benaras, Banaras or Kashi, is a city situated on the banks of Ganga river in the northern Indian state of
19 Uttar Pradesh dating to the 11th century B.C. Regarded as the spiritual capital of India. A major religious hub in India, it is the
20 holiest of the seven sacred cities in Hinduism and Jainism. The city draws Hindu pilgrims who bathe in the Ganges River's sacred
21 waters and perform funeral rites. </p>
22 | <h2 style="color: #blue;">3.KERALA</h2>
23 
24 <p style="color: #green;">The southwestern state of India known as Kerala is a place of tropical beauty. Palm trees, white sand beaches
25 and eco-tourism are all big reasons to explore the region. Kerala is nestled in the southwest part of India along the Malabar Coast.
26 On November 1, 1956, the States Reorganisation Act led to the formation of this beautiful state which combines numerous regions speaking
27 the common language called Malayalam. The state shares boundaries with Karnataka to the north and northeast and with Tamil Nadu to the
28 south and east. </p>

29 | <h2 style="color: #blue;">2.AGRA</h2>
30 
31 <p style="color: #green;">Agra is one of the most-visited cities in all of India. Once the capital of the Mughal Empire, Agra is now
32 home to the iconic structure known as the Taj Mahal. Agra is an ancient city on the banks of the River Yamuna. It finds mention in
33 the Mahabharata but gained importance as the capital of the Mughal Empire from 1556 - 1658. It is on the Golden Triangle tourist
34 circuit with Delhi and Jaipur. It is famous for its Mughal architecture and for being home to one of the Seven Wonders of the
35 World, the Taj Mahal - a monument of incredible elegance and architectural perfection. </p>
36 | <h2 style="color: #blue;">1.RAJASTHAN</h2>
37 
38 <p style="color: #green;">Northwest India is where you will find the state of Rajasthan, which borders Pakistan and is home to the
39 Thar Desert. Rajasthan, Land of Kings or Land of Kingdom is India's largest state by area. The state located on northwest part of
40 country and is a home of cultural diversity. Its features include the ruins of Indus Valley Civilization, Temples, Forts and Fortresses
41 in almost every city. Rajasthan divided into 9 regions; Ajmer State, Hadoti, Dhundhar, Gorwar, Shekhawati, Mewar, Marwar, Vagad and
42 Mewat which are equally rich in its heritage and artistic contribution. These regions have a parallel history which goes along with
43 that of the state.</p>
44
45 <hr>
46 </body>
47 </html>
48
```

OUTPUT:

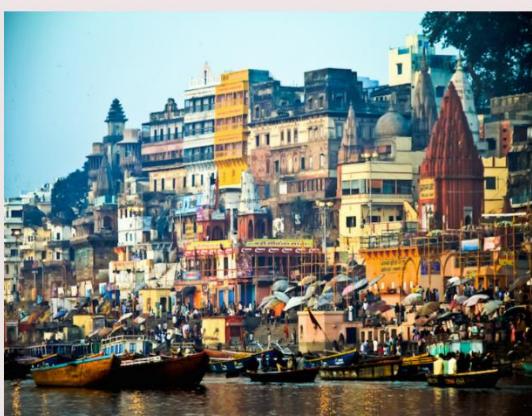


5. ELLORA & AJANTA CAVES



In the state of Maharashtra, you can explore the caves of both Ellora and Ajanta. At Ellora, there is an enormous complex of shrines carved from the rocky landscape. Ajanta caves and Ellora caves are among the earliest Buddhist architectures. The Ajanta – Ellora caves have evolved during the period 2nd century BC to 6th Century AD. The paintings and sculptures of Ajanta and Ellora caves are UNESCO World Heritage Sites since 1983 and are considered masterpieces of Buddhist religious art that have had a great influence in the development of art in India.

4. VARANASI



With a history dating back to more than 3,000 years, Varanasi is one of the world's oldest living cities. Varanasi, also known as Benaras, Banaras or Kashi, is a city situated on the banks of Ganga river in the northern Indian state of Uttar Pradesh dating to the 11th century B.C. Regarded as the spiritual capital of India. A major religious hub in India, it is the holiest of the seven sacred cities in Hinduism and Jainism. The city draws Hindu pilgrims who bathe in the Ganges River's sacred waters and perform funeral rites.

3. KERALA



The southwestern state of India known as Kerala is a place of tropical beauty. Palm trees, white sand beaches and eco-tourism are all big reasons to explore the region. Kerala is nestled in the southwest part of India along the Malabar Coast. On November 1, 1956, the States Reorganisation Act led to the formation of this beautiful state which combines numerous regions speaking the common language called Malayalam. The state shares boundaries with Karnataka to the north and northeast and with Tamil Nadu to the south and east.

2.AGRA



Agra is one of the most-visited cities in all of India. Once the capital of the Mughal Empire, Agra is now home to the iconic structure known as the Taj Mahal. Agra is an ancient city on the banks of the River Yamuna. It finds mention in the Mahabharata but gained importance as the capital of the Mughal Empire from 1556 - 1658. It is on the Golden Triangle tourist circuit with Delhi and Jaipur. It is famous for its Mughal architecture and for being home to one of the Seven Wonders of the World, the Taj Mahal - a monument of incredible elegance and architectural perfection.

1.RAJASTHAN



Northwest India is where you will find the state of Rajasthan, which borders Pakistan and is home to the Thar Desert. Rajasthan 'Land of Kings' or 'Land of Kingdom' is India's largest state by area. The state located on northwest part of country and is a home of cultural diversity. Its features include the ruins of Indus Valley Civilization, Temples, Forts and Fortresses in almost every city. Rajasthan divided into 9 regions; Ajmer State, Hadoti, Dhundhar, Gorwar, Shekhawati, Mewar, Marwar, Vagad and Mewat which are equally rich in its heritage and artistic contribution. These regions have a parallel history which goes along with that of the state.

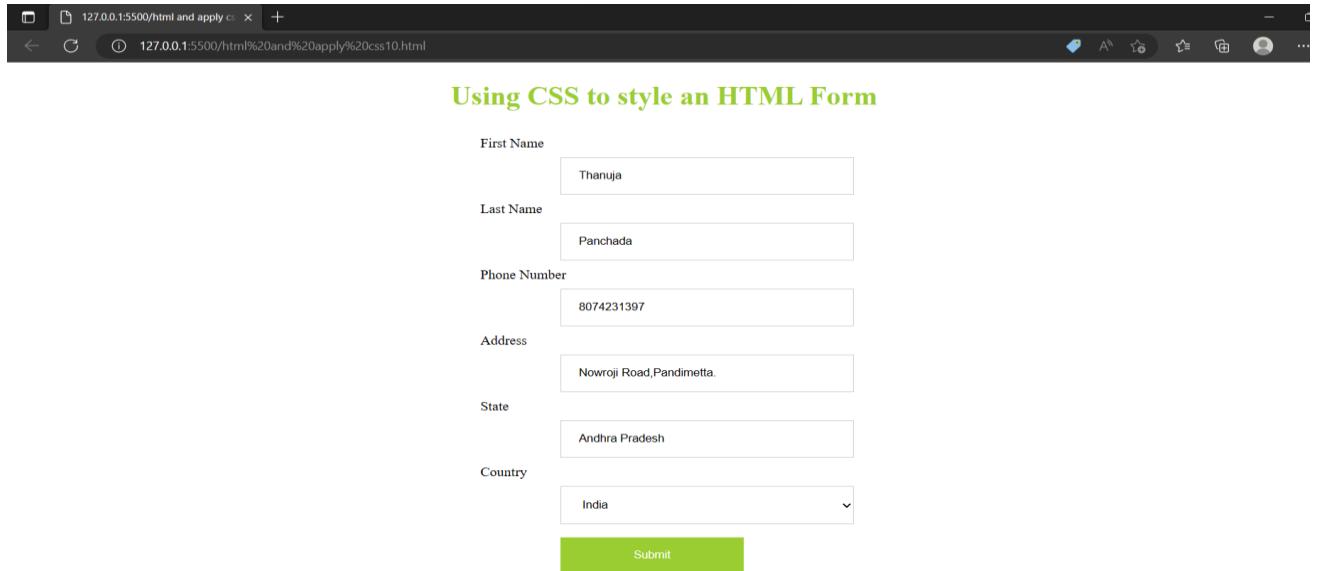
EXPERIMENT-10

Design form using HTML and apply CCS.

```
<html and apply css10.html >
<html and apply css10.html > html > body
1  <!DOCTYPE html>
2  <html>
3  <style>
4  input[type=text], select { width:
5  80%;
6  padding: 14px 20px; margin:
7  8px 90px; display: inline-block;
8  border: 1px solid #ccc; border-radius: 4px;
9  box-sizing: border-box;
10 }
11
12 input[type=submit] {
13 width: 50%;
14 background-color: yellowgreen; color:
15 white;
16 padding: 14px 20px;
17 margin: 8px 90px;
18 border: none; border-radius: 4px; cursor:
19 pointer;
20 }
21
22 input[type=submit]:hover {
23 background-color: blue;
24 }
25
26 div {
27 border-radius: 5px; background-color: #f2f2f2; padding: 8px 525px;
28 }
29 </style>
30
31 <body>
32 <h1 style="text-align:center;color:yellowgreen">Using CSS to style an HTML Form</h1>
33 <div>
34 <form>
35 <label for="fname">First Name</label><br>
36 <input type="text" id="fname" name="firstname" placeholder="Your name.."><br>

37 <label for="lname">Last Name</label><br>
38 <input type="text" id="lname" name="lastname" placeholder="Your last name.."><br>
39
40 <label for="lname">Phone Number</label><br>
41 <input type="text" id="phno" name="phone number" placeholder="Your phone number.."><br>
42 <label for="lname">Address</label><br>
43 <input type="text" id="add" name="address" placeholder="Your address.."><br>
44
45 <label for="lname">State</label><br>
46 <input type="text" id="state" name="state" placeholder="Your state.."><br>
47
48 <label for="country">Country</label><br>
49 <select id="country" name="country" active="India">
50 <option value="australia">India</option>
51 <option value="australia">Australia</option>
52 <option value="canada">Canada</option>
53 <option value="usa">USA</option>
54 </select>
55
56 <br><input type="submit" value="Submit">
57 </form>
58 </div>
59 </body>
60
61
```

OUTPUT:



The screenshot shows a web browser window with the URL `127.0.0.1:5500/html and apply css/` in the address bar. The page title is "Using CSS to style an HTML Form". The form consists of several input fields with the following values:

- First Name: Thanuja
- Last Name: Panchada
- Phone Number: 8074231397
- Address: Nowroji Road,Pandimeitta.
- State: Andhra Pradesh
- Country: India

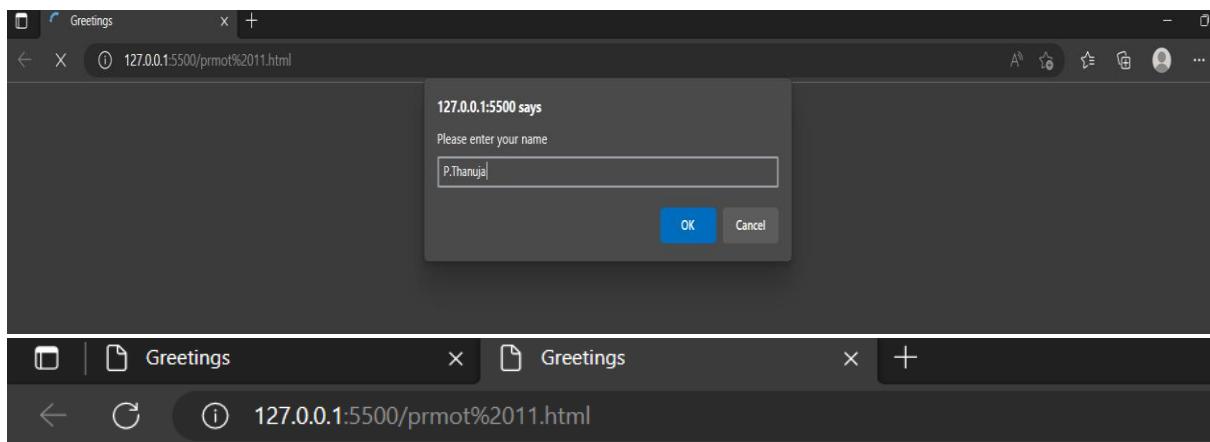
A green "Submit" button is at the bottom of the form.

EXPERIMENT-11

Write a Java script to prompt for users name and display it on the screen.

```
< prmot 11.html >
  < prmot 11.html > html
1   <html>
2   <head>
3   <title>
4   Greetings </title>
5   </head>
6   <body>
7   <script>
8     firstName = prompt("Please enter your name", "");
9     document.write("Hello " + firstName + ", welcome to my World");
10    </script>
11    <p> This is my world Enjoy your lifeee broooo... </p>
12    </body>
13  </html>
```

OUTPUT:



EXPERIMENT-12

Design HTML form for keeping student record and validate it using Java script.

```
< student record saving12.html >
< student record saving12.html > < html > < body >
1   <html>
2   <head>
3   <script>
4   function awp() { var name =
5   document.forms["RegForm"]["Name"];
6   var email = document.forms["RegForm"]["EMail"];
7   var phone =document.forms["RegForm"]["Phone number"];
8   var what =document.forms["RegForm"]["Subject"];
9   var password =document.forms["RegForm"]["Password"];
10  var address =document.forms["RegForm"]["Address"];
11
12 if (name.value == "")
13 {
14     window.alert("Please enter your name.");
15     name.focus();
16     return false;
17 }
18 if (address.value == "")
19 {
20     window.alert("Please enter your address.");
21     address.focus();
22     return false;
23 }
24 if (email.value == "")
25 {
26     window.alert("Please enter a valid e-mail address.");
27     email.focus();
28     return false;
29 }
30 if (phone.value == "")
31 {
32     window.alert("Please enter your Phone number.");
33     phone.focus();
34     return false;
35 }

36 if (password.value == "")
37 {
38     window.alert("Please enter your password");
39     password.focus();
40     return false;
41 }
42 if (what.selectedIndex < 1)
43 {
44     alert("Please enter your course."); what.focus();
45     return false;
46 }
47 return true;
48 }
49 </script>
50 <style >
51 div {
52   box-sizing: border-box; width: 100%;
53   border: 100px solid black; float: left;
54   align-content: center; align-items: center; color: blue;
55 }
56 form {
57   margin: 0 auto; width: 600px; color: lightyellow;
58 }
59 </style>
60 </head>
```

```
61 <body>
62 <h1 style="text-align: center; color: #aqua">REGISTRATION FORM</h1>
63 <form name="RegForm" action="/submit.php" onsubmit="return awp()">
64 method="post" >
65 <p style="color: #red">Name: <input type="text"
66 size="65" name="Name" /></p>
67 <br />
68 <p style="color: #red">Address: <input type="text"
69 size="65" name="Address" />
70 </p>
71 <br />
72 <p style="color: #red">E-mail Address: <input type="text"
73 size="65" name="EMail" /></p>
74 <br />
75 <p style="color: #red">Password: <input type="text"
76 size="65" name="Password" /></p>
77 <br />
78 <p style="color: #red">Phone number: <input type="text"
79 size="65" name="Telephone" /></p>
80 <br />
81 <p style="color: #red"> SELECT YOUR COURSE
82 <select type="text" value="" name="Subject">
83 <option>BTECH</option>
84 <option>BBA</option>
85 <option>BCA</option>
86 <option>B.COM</option>
87 <option>GEEKFORGEEKS</option>
88 </select>
89 </p>
90 <br />
91 <br />
92 <p>Comments: <textarea cols="55"
93 name="Comment"> </textarea></p>
94 <p style="color: #red">
95 <input type="submit"
96 value="send" name="Submit" />
97 <input type="reset"
98 value="Reset" name="Reset" />
99 </p>
100 </form>
101 </body>
102 </html>
```

OUTPUT:

The screenshot shows a web browser window with multiple tabs open. The active tab displays a registration form titled "REGISTRATION FORM". The form fields include Name (thanuja), Address (nowroji road), E-mail Address (panchadathanuja@gmail.com), Password (Thanu@2003), Phone number (+918074231397), and a dropdown menu for SELECT YOUR COURSE (BTECH). Below the form is a text input field labeled "Comments" and two buttons: "send" and "Reset".

Name: thanuja

Address: nowroji road

E-mail Address: panchadathanuja@gmail.com

Password: Thanu@2003

Phone number: +918074231397

SELECT YOUR COURSE: BTECH

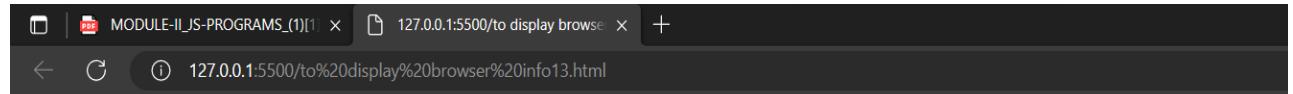
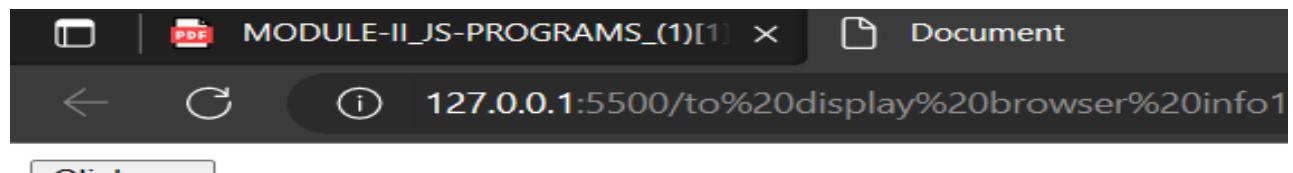
Comments:

EXPERIMENT-13

Write programs using Java script for Web Page to display browsers information.

```
<!-- to display browser info13.html -->
<!-- to display browser info13.html > html > body > form#form1 > div
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  | <meta charset="UTF-8">
5  | <meta http-equiv="X-UA-Compatible"
6  | content="IE=edge">
7  | <meta name="viewport" content="width=device-width, initial-scale=1.0">
8  | <title>Document</title>
9  | <script>
10 |   function show()
11 |   {
12 |
13 |     document.writeln("<br/>navigator.appCodeName: "+navigator.appCodeName);
14 |     document.writeln("<br/>navigator.appName: "+navigator.appName);
15 |     document.writeln("<br/>navigator.appVersion: "+navigator.appVersion);
16 |     document.writeln("<br/>navigator.cookieEnabled: "+navigator.cookieEnabled);
17 |     document.writeln("<br/>navigator.language: "+navigator.language);
18 |     document.writeln("<br/>navigator.userAgent: "+navigator.userAgent);
19 |     document.writeln("<br/>navigator.platform: "+navigator.platform);
20 |     document.writeln("<br/>navigator.onLine: "+navigator.onLine);
21 |
22 |   </script>
23 | </head>
24 | <body>
25 |   <form id="form1">
26 |     <div>
27 |       <input align="middle" id="Button1"
28 |         type="button" value="Click me" onclick="show()" />
29 |
30 |     </div>
31 |   </form>
32 |
33 | </body>
34 | </html>
```

OUTPUT:



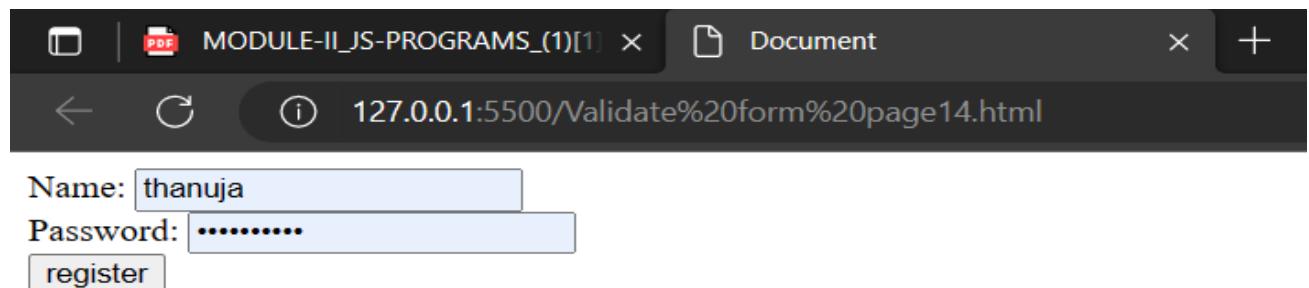
```
navigator.appCodeName: Mozilla
navigator.appName: Netscape
navigator.appVersion: 5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36 Edg/112.0.1722.48
navigator.cookieEnabled: true
navigator.language: en-US
navigator.userAgent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36 Edg/112.0.1722.48
navigator.platform: Win32
navigator.onLine: true
```

EXPERIMENT-14

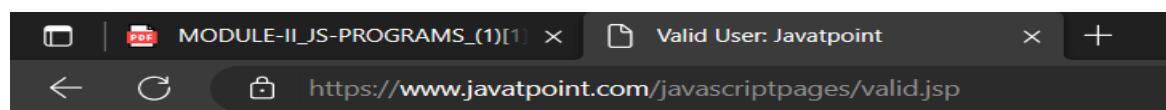
Validate form page using JavaScript.

```
< Validate form page14.html >
< Validate form page14.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>Document</title>
8    <script>
9      function validateform(){
10        var name=document.myform.name.value;
11        var password=document.myform.password.value;
12
13        if (name==null || name==""){
14          alert("Name can't be blank");
15          return false;
16        }else if(password.length<6){
17          alert("Password must be at least 6 characters long.");
18          return false;
19        }
20      }
21    </script>
22  </head>
23  <body>
24    <form name="myform" method="post"
25      action="http://www.javatpoint.com/javascriptpages/valid.jsp" onsubmit="return
26      validateform()">
27      Name: <input type="text" name="name"><br/>
28      Password: <input type="password" name="password"><br/>
29      <input type="submit" value="register">
30    </form>
31
32  </body>
33 </html>
```

OUTPUT:



By clicking on register:



You are valid user

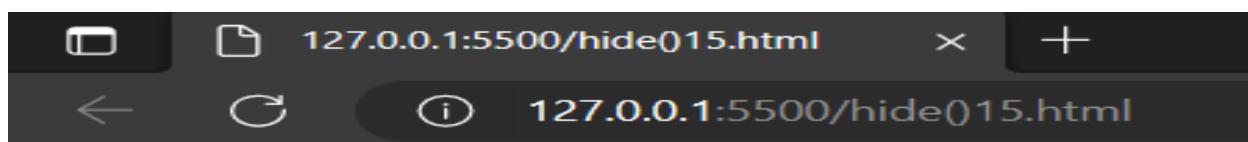
Thanks for visiting our site

EXPERIMENT-15

Use JQuery hide() effect in page

```
<> Validate form page14.html <> hide015.html •
<> hide015.html > html > body > p
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script src="https://code.jquery.com/jquery-3.6.4.js"></script>
5  <script>
6  $(document).ready(function(){
7      $("#hide").click(function(){
8          $("p").hide();
9      });
10 });
11 </script>
12 </head>
13 <body>
14 <p>
15 <b>This is a little poem: </b><br/>
16 Johny, Johny.<br/>
17 Yes, Papa?<br/>
18 Eating sugar?<br/>
19 No, Papa.<br/>
20 Telling lies?<br/>
21 No, Papa.<br/>
22 Open your mouth.<br/>
23 Ha-ha-ha!
24 </p>
25 <button id="hide">Hide</button>
26 </body>
27 </html>
28
29
```

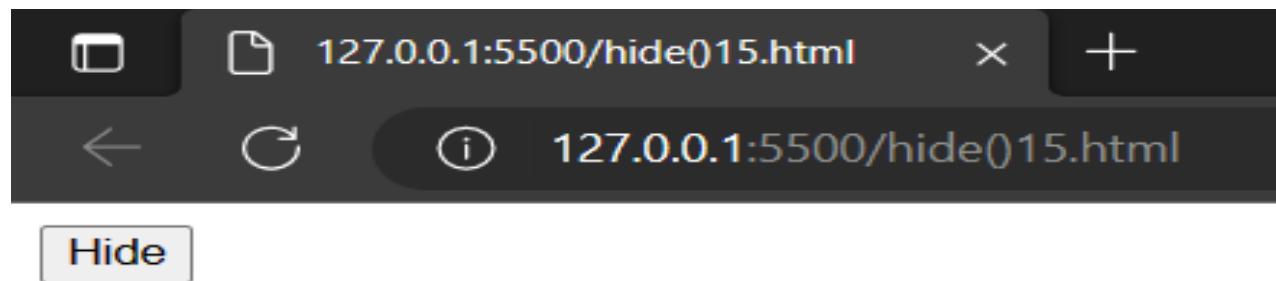
OUTPUT:



This is a little poem:
Johny, Johny.
Yes, Papa?
Eating sugar?
No, Papa.
Telling lies?
No, Papa.
Open your mouth.
Ha-ha-ha!

Hide

If we click on hide it hides the poem and shows the box of HIDE.

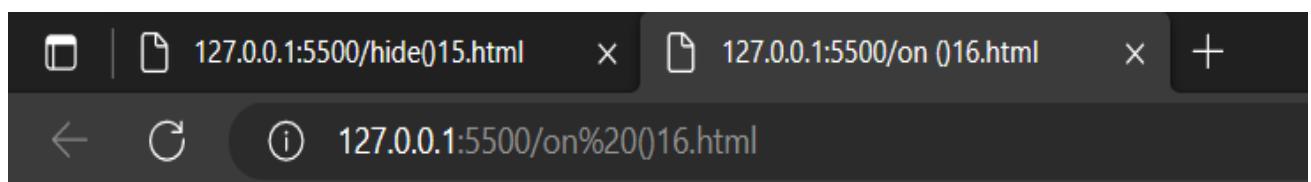


EXPERIMENT-16

Write a jQuery Code to Find the data passed with the on() method for each element.

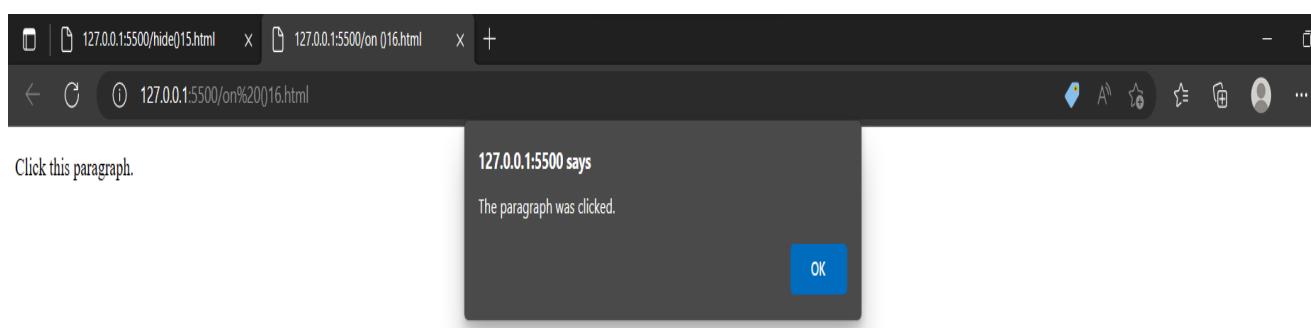
```
< Validate form page14.html > hide(15.html) < on ()16.html >
< on ()16.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script src="https://code.jquery.com/jquery-3.6.4.js"></script>
5  <script>
6  $(document).ready(function(){
7      $("p").on("click", function(){
8          alert("The paragraph was clicked.");
9      });
10 });
11 </script>
12 </head>
13 <body>
14 <p>click this paragraph.</p>
15
16 </body>
17 </html>
```

OUTPUT:



Click this paragraph.

If we click on the text a Dialogue box open.

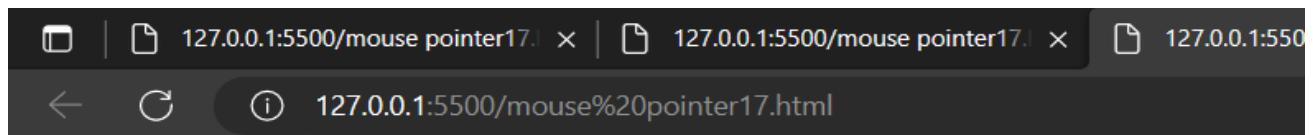


EXPERIMENT-17

Find the position of the mouse pointer relative to the left and top edges of the document.

```
④ mouse pointer17.html ×
④ mouse pointer17.html > ...
1
2   {margin: 0;
3   }
4   html, body{
5   |   height:100%;
6   }
7 </style>
8 <script src="https://code.jquery.com/jquery-3.6.4.js"></script>
9 <script>
10 $(document).ready(function() {
11   $("body").mousemove(function(event){
12     var relPageCoords = "(" + event.pageX + "," + event.pageY + ")";
13     $(".mouse-cords").text(relPageCoords);
14   });
15 });
16 </script>
17 </head>
18 <body>
19   <p>Coordinates of mouse pointer with respect to the page are: <strong class="mouse-cords"></strong></p>
20 </body>
21 </html>
22
```

OUTPUT:

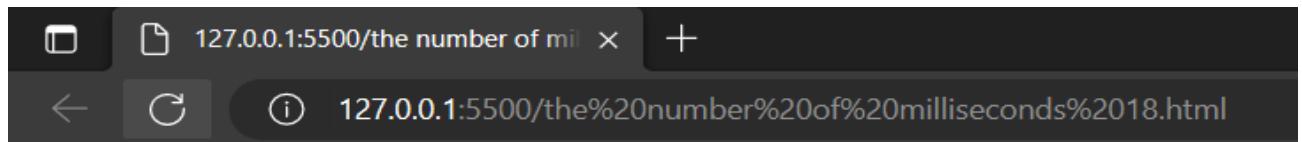


EXPERIMENT-18

Count the number of milliseconds between the two click events on a paragraph.

```
(mouse pointer17.html) <--> the number of milliseconds 18.html <--> ...
the number of milliseconds 18.html ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script src="https://code.jquery.com/jquery-3.6.4.js"></script>
5  <script type="text/javascript">
6  $(document).ready(function(){
7  $("p").click(function(event){
8  $("span").text(event.timestamp);
9  });
10 });
11 </script>
12 </head>
13 <body>
14 <p>If you click on me, I will disappear.</p>
15 <p>Click me away!</p>
16 <p>Click me too!</p>
17 <p>The click event occurred <span style="color: red">unknown</span> milliseconds</p>
18 </body>
19 </html>
```

OUTPUT:

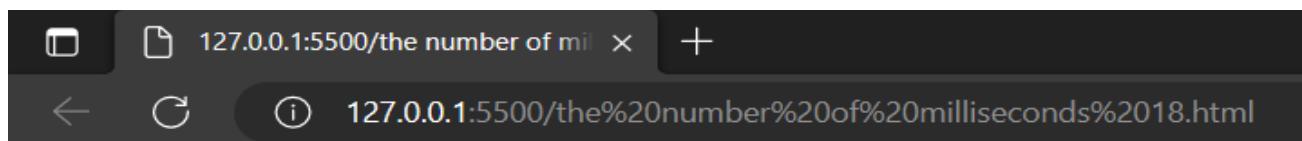


If you click on me, I will disappear.

Click me away!

Click me too!

The click event occurred **unknown** milliseconds



If you click on me, I will disappear.

Click me away!

Click me too!

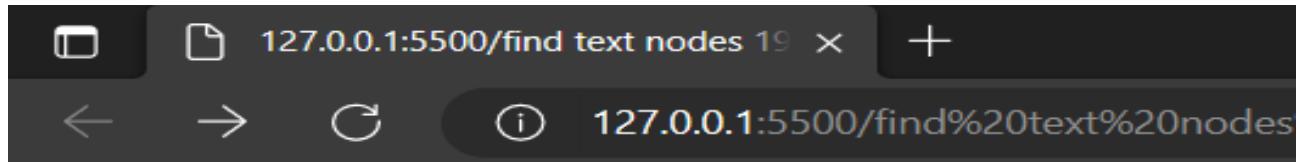
The click event occurred **27737.099999904633** milliseconds

EXPERIMENT-19

Find all the text nodes inside a paragraph and wrap them with an italic tag.

```
<-- mouse pointer17.html    <-- the number of milliseconds 18.html    <-- find text nodes 19.html X
<-- find text nodes 19.html > html > head
1  <html>
2   <head>
3     <script type="text/javascript" src="https://code.jquery.com/jquery-3.6.4.js"></script>
4     <script type="text/javascript">
5       $(document).ready(function(){
6         $("p").contents().not("[nodeType=1]").wrap("<i>");
7       });
8     </script>
9   </head>
10  <body>
11    <body>
12      <p>Hello <a href="http://java2s.com/">java2s</a>asdf</p>
13    </body>
14  </body>
15 </html>
```

OUTPUT:



Hello *java2s*asdf

A screenshot of a Java tutorial website. The top navigation bar shows 'Programming Tutorials and Sourc... X' and 'Not secure | www.java2s.com'. The main content area includes a sidebar with 'Surprise Mom with Cake' ads and a central column with sections for Java, Basic, Certification Interview, How to, and JEE. The Java section contains a list of topics such as Java Utility Methods, Java Examples by API, Scala Tutorial, Java Design Patterns, Java Object Oriented Design, Java Data Type Tutorial, Java I/O Tutorial, Java XML Tutorial, Java Collection Tutorial, Java Regex Tutorial, Java Format Tutorial, Java Reflection Tutorial, Java Language Tutorial, Java, Java Tutorial, Java File Download, Jar File / POM / Source, Java Products, Java by API, SCJP, Java Mock Exam 1 through 21, and Java Mock Exam 99. The 'How to' section lists various Java-related how-to articles. The 'JEE' section lists JEE-related tutorials.

EXPERIMENT-20

Create an simple application using AJAX to show the table of numbers given by user at runtime.

```
JS code20.js    <> code20.html    PHP code20.php
<> code20.html > ...
1   <!DOCTYPE html>
2   <html>
3   <head>
4   |   <title>Number Table</title>
5   |   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
6   |   </script>
7   |   <script src="code-20.js"></script>
8   |   </head>
9   <body>
10  |   <h1>Number Table</h1>
11  |   <form id="number-form">
12  |       <label for="number-list">Enter a list of numbers, separated by commas:</label><br>
13  |       <input type="text" id="number-list" name="number-list"><br>
14  |       <input type="submit" value="Generate Table">
15  |   </form>
16  |   <div id="table-container"></div>
17 </body>
18 </html>
```

```
JS code20.js    <> code20.html    PHP code20.php
JS code20.js > ...
1   $(document).ready(function() {
2       $("#number-form").submit(function(event) {
3           event.preventDefault();
4           var numbers = $("#number-list").val();
5           $.ajax({
6               url: "code-20.php",
7               method: "POST",
8               data: { numbers: numbers },
9               success: function(result) {
10                  $("#table-container").html(result);
11             }
12         });
13     });
14 });
```

```
PHP code20.php    <> code20.html    JS code20.js
<> code20.php > ...
1   <?php
2   if (isset($_POST["numbers"])) {
3       $numbers = explode(",", $_POST["numbers"]);
4       $table = "<table>";
5       foreach ($numbers as $number) {
6           $table .= "<tr><td>" . $number . "</td><td>" . ($number * $number) . "</td></tr>";
7       }
8       $table .= "</table>";
9       echo $table;
10  }
11 ?>
```

OUTPUT:



Number Table

Enter a list of numbers, separated by commas:

3,6,9,12

Generate Table

3 9

6 36

9 81

12 144

EXPERIMENT-21

Access web service using Ajax and handle using JSON.

```
JS code-21.js × code-21.php •
JS code-21.js > ...
1 $(document).ready(function() {
2     $("#get-data").click(function() {
3         $.ajax({
4             url: "https://jsonplaceholder.typicode.com/posts",
5             method: "GET",
6             dataType: "json",
7             success: function(result) {
8                 var data = "";
9                 $.each(result, function(index, post) {
10                     data += "<h2>" + post.title + "</h2><p>" + post.body + "</p>";
11                 });
12                 $("#data-container").html(data);
13             }
14         });
15     });
16 });

code-21.php > ...
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Web Service Example</title>
5     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
6     <script src="code-21.js"></script>
7 </head>
8 <body>
9     <h1>Web Service Example</h1>
10    <button id="get-data">Get Data</button>
11    <div id="data-container"></div>
12 </body>
13 </html>
```

OUTPUT:



Web Service Example

Web Service Example +

localhost/shafeeq/code-21.php

Facebook Settings Programiz Resident Evil 2 Rem... Click Allow to confir... Google Scholar File Download localhost / 127.0.0.... localhost / 127.0.0....

Web Service Example

Get Data

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EXPERIMENT-22

Create a responsive website using bootstrap.



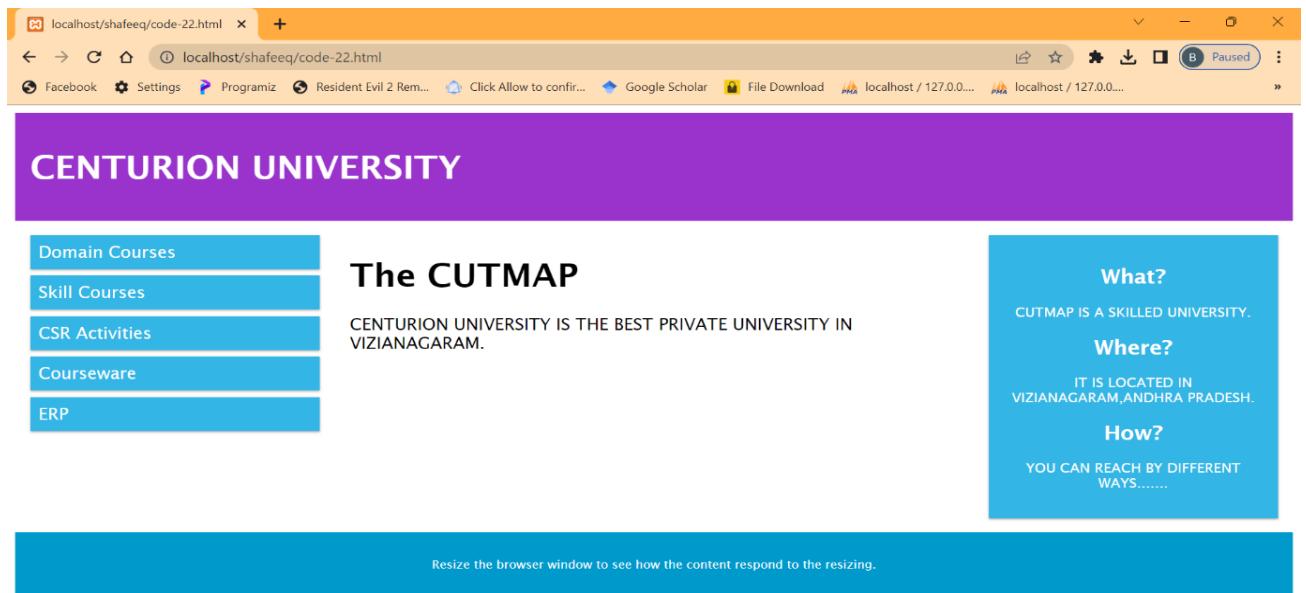
```
JS code-21.js PHP code-21.php HTML code-22.html

<> code-22.html <> html
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta name="viewport" content="width=device-width, initial-scale=1.0">
5  <style>
6  * {
7    box-sizing: border-box;
8  }
9  .row::after {
10   content: "";
11   clear: both;
12   display: table;
13 }
14 [class*="col-"] {
15   float: left;
16   padding: 15px;
17 }
18 html {
19   font-family: "Lucida Sans", sans-serif;
20 }
21 .header {
22   background-color: #9933cc;
23   color: #ffffff;
24   padding: 15px;
25 }
26 .menu ul {
27   list-style-type: none;
28   margin: 0;
29   padding: 0;
30 }
31 .menu li {
32   padding: 8px;
33   margin-bottom: 7px;
34   background-color: #33b5e5;
35   color: #ffffff;
36   box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px 2px rgba(0,0,0,0.24);
37 }
38 .menu li:hover {
39   background-color: #0099cc;
40 }
41 .aside {
42   background-color: #33b5e5;
43   padding: 15px;
44   color: #ffffff;
45   text-align: center;
46   font-size: 14px;
47   box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px 2px rgba(0,0,0,0.24);
48 }
49 .footer {
50   background-color: #0099cc;
51   color: #ffffff;
52   text-align: center;
53   font-size: 12px;
54   padding: 15px;
55 }
56 /* For mobile phones: */
57 [class*="col-"] {
58   width: 100%;
59 }
60 @media only screen and (min-width: 600px) {
61   /* For tablets: */
62   .col-s-1 {width: 8.33%;}
63   .col-s-2 {width: 16.66%;}
64   .col-s-3 {width: 25%;}
65   .col-s-4 {width: 33.33%;}
66   .col-s-5 {width: 41.66%;}
67   .col-s-6 {width: 50%;}
68   .col-s-7 {width: 58.33%;}
69   .col-s-8 {width: 66.66%;}
70   .col-s-9 {width: 75%;}
```

```
71   .col-s-10 {width: 83.33%;}
72   .col-s-11 {width: 91.66%;}
73   .col-s-12 {width: 100%;}
74 }
75 @media only screen and (min-width: 768px) {
76   /* For desktop: */
77   .col-1 {width: 8.33%;}
78   .col-2 {width: 16.66%;}
79   .col-3 {width: 25%;}
80   .col-4 {width: 33.33%;}
81   .col-5 {width: 41.66%;}
82   .col-6 {width: 50%;}
83   .col-7 {width: 58.33%;}
84   .col-8 {width: 66.66%;}
85   .col-9 {width: 75%;}
86   .col-10 {width: 83.33%;}
87   .col-11 {width: 91.66%;}
88   .col-12 {width: 100%;}
89 }
90 </style>
91 </head>
92 <body>
93 <div class="header">
94   <h1>CENTURION UNIVERSITY</h1>
95 </div>
96 <div class="row">
97   <div class="col-3 col-s-3 menu">
98     <ul>
99       <li>Domain Courses</li>
100      <li>Skill Courses</li>
101      <li>CSR Activities</li>
102      <li>Courseware</li>
103      <li>ERP</li>
104    </ul>
105  </div>

106 <div class="col-6 col-s-9">
107   <h1>The CUTMAP</h1>
108   <p>CENTURION UNIVERSITY IS THE BEST PRIVATE UNIVERSITY IN VIZIANAGARAM.</p>
109 </div>
110 <div class="col-3 col-s-12">
111   <div class="aside">
112     <h2>What?</h2>
113     <p>CUTMAP IS A SKILLED UNIVERSITY.</p>
114     <h2>Where?</h2>
115     <p>IT IS LOCATED IN VIZIANAGARAM, ANDHRA PRADESH.</p>
116     <h2>How?</h2>
117     <p>YOU CAN REACH BY DIFFERENT WAYS.....</p>
118   </div>
119   </div>
120 </div>
121 <div class="footer">
122   <p>Resize the browser window to see how the content respond to the resizing.</p>
123 </div>
124 </body>
125 </html>
```

OUTPUT:



EXPERIMENT-23

```
<> code-23.html ●
<> code-23.html > html > body > form > table > tr
1  <!DOCTYPE html>
2  <html >
3  <head>
4  <title>Registration Form</title>
5  <style> input,textarea{width:200px}
6  input[type=radio],input[type=checkbox]{width:10px} input[type=submit],input[type=reset]{width:100px}
7  </style>
8  </head>
9  <body>
10 | <h1>Student Registration Form </h1>
11 <form method="post" enctype="multipart/form-data">
12 <table width="393" border="1">
13 <tr>
14 <td colspan="2"><?php echo @$msg; ?></td>
15 </tr>
16 <tr>
17 <td width="159">Enter your Name</td>
18 <td width="218">
19 <input type="text" placeholder="your first name" name="n" pattern="[a-zA-Z]*" required /></td>
20 </tr>
21 <tr>
22 <td>Enter your Email</td>
23 <td><input type="email" name="e"/></td>
24 </tr>
25 <tr>
26 <td>Enter your Password</td>
27 <td><input type="password" name="p"/></td>
28 </tr>
29 <tr>
30 <td>Enter your Address</td>
31 <td><textarea name="add"></textarea></td>
32 </tr>
33 <tr>
34 <td>Enter your Mobile</td>
35 <td><input type="text" pattern="[0-9]*" name="m" /></td>

36 </tr>
37 <tr>
38 <td height="23">Select your Gender</td>
39 <td>
40 Male<input type="radio" name="g" value="m"/> Female<input type="radio" name="g" value="f"/>
41 </td>
42 </tr>
43 <tr>
44 <td>Choose your Hobbies</td>
45 <td>
46 Cricket<input type="checkbox" value="cricket" name="hobb[]"/>
47 Singing<input type="checkbox" value="singing" name="hobb[]"/>
48 Dancing<input type="checkbox" value="dancing" name="hobb[]"/>
49 </td>
50 </tr>
51 <tr>
52 <td>Choose your Profile Pic </td>
53 <td>
54 </td>
55 <tr>
56 <td>Choose your Profile Pic </td>
57 <td><input type="file" name="pic"/></td>
58 </tr>
59 <tr>
60 <td>Select your DOB</td>
61 <td>
62 <select name="mm">
63 <option value="">Month</option>
64 <?php for($i=1;$i<=12;$i++) {
65 {
66 echo "<option value='".$i.''>".$i."</option>";
67 }
68 ?>
69 </select>
70 <select name="dd">
```

```

71    <option value="">Date</option>
72    <?php for($i=1;$i<=31;$i++)
73    {
74        echo "<option value='".$i.'>".$i."</option>";
75    }
76    ?>
77    </select>
78    <select name="yy">
79        <option value="">Year</option>
80        <?php for($i=1900;$i<=2015;$i++)
81        {
82            echo "<option value='".$i.'>".$i."</option>";
83        }
84    ?>
85

```

OUTPUT:

localhost/phpprograms/code-23.php

Student Registration Form

| | |
|-------------------------|--|
| Enter your Name | your first name |
| Enter your Email | |
| Enter your Password | |
| Enter your Address | |
| Enter your Mobile | |
| Select your Gender | Male <input type="radio"/> Female <input type="radio"/> |
| Choose your Hobbies | Cricket <input type="checkbox"/> Singing <input type="checkbox"/> Dancing <input type="checkbox"/> |
| Choose your Profile Pic | |
| Choose your Profile Pic | Choose file No file chosen |
| Select your DOB | Month <input type="button" value="▼"/> Date <input type="button" value="▼"/> Year <input type="button" value="▼"/> |