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	
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11.	JavaScript to prompt for user's name and display it on the screen	
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16.	jQuery code to find the data passed with the on () method for each element	
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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.	Create an simple 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 bootstap	
23.	Develop student registration web application using PHP.	

EXPERIMENT1:

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

AIM: to Write an HTML code that displays my CV on a web page.

```
AWP > O RESUME.HTML > Phtml > Phtml > body > Pp
  1 <!DOCTYPE html>
       <html lang="en"><html>
       <title>RESUME ADARSH</title>
       k rel="stylesheet" href="resume.css">
</head>
       <body>
      <div id="resume">
<hl class="BG">K.ADARSH</hl>
<hl>ch2>RAMARAOPETA NARSIPATHAN</hl>
<h3>NARSIPATHAN, Ph:53116.</hl>
<h3>PHONE NUMBER:9704787949</hl>

       <h3>EMAIL:deepakkoilada04@gmail.COM</h3>
<br/>
<br/>
<br/>

       </div>
        <h2>Profile</h2>
       I want to become a Datascientist.as i was much interested in analysis and visualising using python.
        <h2>Education</h2>
        <h3>schooling</h3>
       R.B.S.SCHOOL ,10th CGP -9.5
       <h3>Intermediate</h3>
        <
        SASI COLLAGE,12th CGP -9.86

<h3>Graduation- b.tech</h3>
       CENTURION UNIVERSITY, CGP -8.88 SECOND SEM
        visualisation and analysis of world development indicators such as elaectricity in
       rural ,urban,health expenditure per capita,gdp per capita in USD
Dollars(DataScience).Automatic on and off lights by using
       ArduinoNanoR3.Presently on working on covid cases in all the different satates of India(covid dashboard).
        <h3>Skills</h3>
programming
        <
 59
60
61
       python

<
        other techinical skills
       blockchain techlogy
       AMAZON WEB SERVICES
        <br/><br/><h3>Hobbies and Interests</h3>
        Watching movies, readingbooks, going to parties, attending workshops on aws and python
       course.
<!-- THIS DIV CENTERS OUR LINKS -->
<div id="bottom">
       <a href="index.html">RESUME HOME</a> | <a href="#">SIMPLE RESUME</a> | <a</pre>
       href="resume.html" \complex RESUME</a> | <a href="resume.css" target="_blank">SEE CSS</a>
```

K.ADARSH

RAMARAOPETA NARSIPATNAM

NARSIPATNAM, PIN:531116.

PHONE NUMBER:9704787949

EMAIL:deepakkoilada04@gmail.COM

Profile

I want to become a Datascientist.as i was much interested in analysis and visualising using python.

Education

schooling

• R.B.S.SCHOOL ,10th CGP -9.5

Intermediate

SASI COLLAGE, 12th CGP -9.86

Graduation- b.tech

CENTURION UNIVERSITY, CGP -8.88 SECOND SEM

Project

- A minor project in python based on csv file.
- visualisation and analysis of world development indicators such as elaectricity in rural, urban,health expenditure per capita, gdp per capita in USD Dollars(DataScience). Automatic on and off lights by using ArduinoNanoR3. Presently on working on covid cases in all the different satates of India(covid dashboard).

Skills

- python
 c++

other techinical skills

- blockchain techlogy
 AMAZON WEB SERVICES
- **Hobbies and Interests**

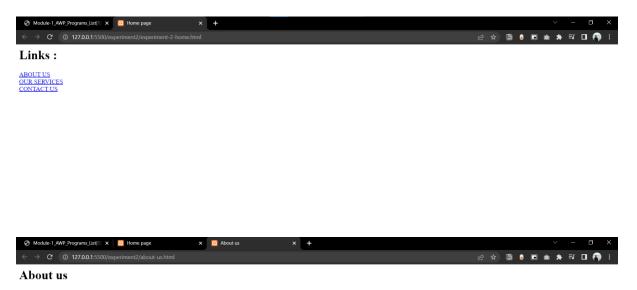
Watching movies, reading books, going to parties, attending workshops on aws and python course.

EXPERIMENT2:

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

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

```
<html>
    <head>
       <title>Home page</title>
    </head>
    <body>
       <h1>Links :</h1>
       <a href="about-us.html">ABOUT US</a>
       <a href="our-services.html">OUR SERVICES</a>
        <a href="contact-us.html">CONTACT US</a>
        <br />
    </body>
</html>
<html>
    <head>
        <title>About us</title>
    </head>
    <body>
        <h1>About us</h1>
    </body>
</html>
<html>
    <head>
        <title>Our services</title>
    </head>
    <body>
        <h1>Our services</h1>
    </body>
</html>
<html>
    <head>
        <title>Contact us</title>
    </head>
    <body>
        <h1>Contact us</h1>
    </body>
</html>
```





Our services



Contact us

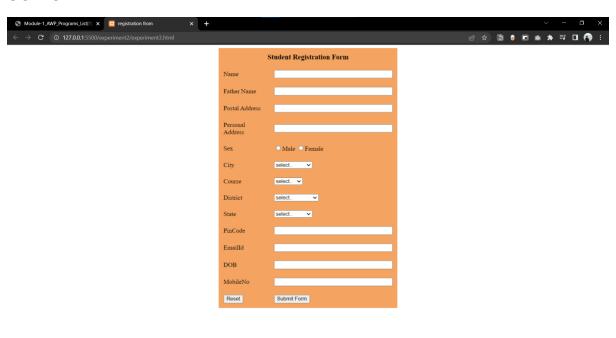
EXPERIMENT3:

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

AIM: to create a Registration Form. On submitting the form, the user should be asked to login with this new credentials.

```
<!DOCTYPE html>
   <html lang="en">
     <head>
         <meta charset="UTF-8">
        <title>registration from</title>
     </head>
   <body>
     <form action="#" name="StudentRegistration" onsubmit="return(validate());">
     >
     <center><font size=4><b>Student Registration
     Form</b></font></center>
     >
     Name
     <input type=text name=textnames id="textname" size="40">
     >
     Father Name
     <input type="text" name="fathername" id="fathername"
     size="40">
     Postal Address
     <input type="text" name="paddress" id="paddress"
     size="40">
     >
     Personal Address
     <input type="text" name="personaladdress"
     id="personaladdress" size="40">
     Sex
     <input type="radio" name="sex" value="male" size="10">Male
     <input type="radio" name="sex" value="Female"</pre>
      size="10">Female
```

```
City
<select name="City">
<option value="-1" selected>select..</option>
<option value="New Delhi">NEW DELHI</option>
<option value="Mumbai">MUMBAI</option>
<option value="Goa">GOA</option>
<option value="Patna">PATNA</option>
</select>
Course
<select name="Course">
<option value="-1" selected>select..</option>
<option value="B.Tech">B.TECH</option>
<option value="MCA">MCA</option>
<option value="MBA">MBA</option>
<option value="BCA">BCA</option>
</select>
District
<select name="District">
<option value="-1" selected>select..</option>
<option value="Nalanda">vizag</option>
<option value="UP">vizayanagaram
<option value="Goa">srikakulam</option>
<option value="krishna">PATNA</option>
</select>
State
<select Name="State">
<option value="-1" selected>select..</option>
<option value="New Delhi">NEW DELHI</option>
<option value="Mumbai">MUMBAI</option>
<option value="Goa">GOA</option>
<option value="Bihar">BIHAR</option>
</select>
PinCode
<input type="text" name="pincode" id="pincode"
size="40">
>
EmailId
<input type="text" name="emailid" id="emailid"
size="40">
>
DOB
<input type="text" name="dob" id="dob" size="40">
```



EXPERIMENT4:

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

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

CODE:

```
<!DOCTYPE html>
<html>
  <head>
   <style>
     table,
     th,
     td {
       border: 1px solid ■ black;
       bordercollapse: collapse;
    </style>
   <title>ECE Department</title>
  ⟨body style="background-color: ☐rgb(245, 245, 220)"⟩
   <h1
      style="
       color: \blacksquarergb(3, 70, 158);
       text-align: center;
       width: 75%;
       margin: 10px 180px;
     ELECTRONICS AND COMMUNICATION ENGINEERING
    </h1>
    <br />
    <img
      src="https://cutmap.ac.in/wp-content/uploads/DSC 0026-800x500.jpg"
     alt="cse"
     height="400px"
     width="550px"
      style="margin: 30px 550px"
    /><br />
    <h2 style="color: □orange">What is Computer Science Engineering?</h2>
    ⟨p style="color: ■green"⟩
      Electronics and Communications Engineering (ECE) involves researching,
     designing, developing, and testing electronic equipment used in various
      systems. Electronics and Communications engineers also conceptualize and
     oversee the manufacturing of communications and broadcast systems. This
```

stream of engineering deals with analog transmission, basic electronics, microprocessors, solid-state devices, digital and analog communication,

communication, antennae, and wave progression. It also deals with the manufacturing of electronic devices, circuits, and communications

equipment. In India, Electronics and Communications Engineering is offered by various colleges at the UG as well PG level leading to BTech (4 years)

analog integrated circuits, microwave engineering, satellite

Electronics and Communication Engineering (ECE) helps build a career in the Telecom industry, consumer electronics manufacturing organization, Software Industry, Mobile Communication & IT Industry, Power Electronics, Healthcare Equipment Manufacturing Industry and several others like that of steel and chemicals. The Media and Entertainment industry is often deemed as the largest recruiter of ECE Engineers. They are also recruited in large numbers in government sectors. Public Sector Undertakings such as MTNL, BSNL and IOCL have been recruiting them for a long time. Apart from this, many graduates prefer Indian Engineering Service, which is considered very prestigious in the engineering field. Electronics and Communication Engineering (ECE) Engineers are also employed in the Semiconductor and Chip design Industry predominantly. There are always options for higher studies to gain more proficiency in the subject. The Electronics and Communication Engineering field is growing every day and has a huge scope to accommodate eligible young professionals.

```
Analytical skills
     Problem-solving skills
    >
     Critical thinking
     Creativity
    Good Programming Skills
     Strong Data Structures and Algorithms skills
    Basic web development knowledge
     Basics of Machine Learning
    Basics of security, vulnerabilities, and cryptography
     Ability to grasp the knowledge quickly
    <a href="experiment4-2.html">click me to visit for html lists tutorial</a>
 </body>
</html>
```

```
<!DOCTYPE html>
<html>
 <head>
  <title>institute website</title>
 </head>
 <body style="background-color: □papayawhip">
     style="
       color: acadetblue;
       text-align: center;
       width: 75%;
       margin: 30px 180px;
     CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT
   <br />
   <video width="854" height="480" controls>
    <source src"https://cutmap.ac.in/wp-content/uploads/2022/Viz.mp4" type="video/mp4">
   </video>
   <img
     src="https://cutmap.ac.in/wp-content/uploads/DSC 1135-scaled.jpg"
     alt="vizianagaram"
     height="500px"
     width="520px"
    style="margin: 30px 150px"
   />
   <br />
    <h2 style="color: ☐ cornflowerblue">OVERVIEW</h2>
    <hr />
    ⟨p style="color: ■rgb(153, 189, 54)"⟩
     From the inception, Centurion University's DNA has been "Shaping lives and
     empowering communities". The University has focused on 'hands-on',
     experience based, practice oriented learning that makes a difference
     through appropriate and relevant innovation and action research. While
     promoting Nano, Mini and Micro Enterprises, the University workstoward
     learning experiences that are 'quantifiable', 'sustainable', 'scalable'
     and 'replicable'.
    <div style="text-align: left;">
   <img
     src="https://cutmap.ac.in/wp-content/uploads/DSC_1146-scaled.jpg"
     alt="vizag campus"
     height="450px"
     width="600px"
     style="margin: 30px 425px"
   />
  </div>
```

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. They are: M. S. Swaminathan School of Agriculture, School of Allied Health Sciences and Paramedics, School of Architecture and Planning, School of Basic Sciences, School of Engineering and Technology, School of Management, School of Media and Communication, School of Pharmacy and Life Sciences, School of Vocational Education and Training and the Institute of Knowledge Societies.

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. Once a student enters this University, the Institution takes the entire responsibility to develop that individual into a personality. The students are overwhelmed with the opportunities they are provided with. They are left open to umpteen number of choices lying in front of them to choose in parallel to their academics. Centurion believes in enhancing its students through dedicated concentration on each and every student and sees to that everyone enhances their talents with the opportunities they are provided with. Once the placement season commences, one can feel the vibrant environment on the campus. Talents go barely unrecognized at Centurion as we leave no stone unturned to place our students. Career Development Cell carries the twin responsibility of conducting Career Counseling and Training Programmes, and organizing the campus recruitment activities of the School. All students are encouraged to attend the training programs for an enhanced performance in the campus interviews. We hand hold our students through career guidance; through motivational activities and counseling, through knowledge sharing activities and through various capacity building measures. The trainees are closely monitored for improvements and gauged through several VST's and company Mock tests, until they are ready and have gained eligibility. Programs like JAVA Certification in association with IBM , Network Certification in association with CISCO, DB2 training Certification in association with IBM and Campus Connect in association with Infosys are some of the achievements of the center.

```
<div style="text-align: center;">
          src="https://cutmap.ac.in/wp-content/uploads/DSC_0995-800x500.jpg"
          alt="vizag"
         height="500px"
          width="600px"
         style="margin: 30px 150px"
        />
     </div>
       <br />
        <a href="experiment4-1.html">
       Click here to visit ECE website
        </a>
     </body>
   </html>
<!DOCTYPE html>
<html>
  <head>
   <title>tutorial on HTML tags</title>
 </head>
   <h1 style="color: ■red; text-align: center; width: 75%; margin: 10px 180px">
    HTML LISTS
   </h1>
   <br />
   HTML lists allow web developers to group a set of related items in lists
   </h4>
   <img
     src="https://upload.wikimedia.org/wikipedia/commons/thumb/6/61/HTML5_logo_and_wordmark.svg/120px-
     alt="list"
    height="150px"
     width="150px"
    style="margin: 30px 300px"
   <h2 style="color: ■blue">Ordered HTML List</h2>
   <br />
   >
     An ordered list starts with the " ol " tag. Each list item starts with the
     " li " tag.<br /><br />
     The list items will be marked with numbers by default:
   <br />
     src="https://www.hostinger.com/tutorials/wp-content/uploads/sites/2/2018/11/what-is-html-3.webp"
     alt="list"
     height="439px"
     width="1000px"
    style="margin: 30px 300px"
   <h2 style="color: ■blue">HTML Description Lists</h2>
   <br />
```

```
>
     HTML also supports description lists.<br />
     A description list is a list of terms, with a description of each term. <br/> />
     The " dl " tag defines the description list, the " dt " tag defines the
     term (name), and the " dd " tag describes each term:<br />
     <img
      src="https://geekflare.com/wp-content/uploads/2021/07/real-time-html-editor-840x270.png"
      alt="list"
      height="200px"
      width="800px"
      style="margin: 30px 300px"
     /><br />
   <h2 style="color: ■blue">HTML List Tags</h2>
   <img
     src="https://images.raidboxes.io/raidboxes.io/uploads/2022/05/minify-css-html.png?resize=768%2C432"
     alt="list"
     height="400px"
    width="800px"
   style="margin: 30px 300px"
   /><br />
 </body>
</html>
```

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT





OVERVIEW

From the inception, Centurion University's DNA has been "Shaping lives and empowering communities", The University has focused on 'hands-on', 'experience based', 'practice oriented 'learning that makes a difference through announcing and action research. While reconstities Nano. Mini and Morre Enterprises, the University workstoward learning experiences that are 'quantifiable', 'seasible' and 'rendering and action of the companies of the proportion of the companies of the compa



- 1. Skill integrated, domain linked, teaching and learning
- 2. Industry and community partnership 3. Creating and co-creating enterprises
- Creating and co-creating enterprises
 An eco-system approach which includes community, enterprise, industry and educational institutes

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. They are: M. S. Swaminathan School of Agriculture, School of Allied Health, Sciences and Paramedics, School of Architecture and Planning, School of Basic Sciences School of Life Sciences, School of Wanagement, School of Media and Communication, School of Plannage and Life Sciences, School of Wanagement and the Institute of Knowledge Societies.

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. Once a student enters this University, the Institution takes the entire responsibility to develop that individual into a personality. The students are overwhelmed with the opportunities they are provided with. They are left open to universe number of choices bying in front of them to choose in parallel to their academics. Centrol believes in enhancing its students through decideated concentration on each and every student and sees to that veryone enhances their talents with the opportunities they are provided with. Once the placement season commences, one can feel the vibrant environment on the campus. Talent go barely unrecognized at Centurion as we leave no stone unturne to place our students. Career Development Cell carries the two rines responsibility of conducting and Training Programmes, and organizing the campus recruitments activities of the School. All students are encouraged to attend the training programs for an enhanced performance in the campus interviews. We hand hold our students through career guidance: through motivational activities and counseling, through knowledge sharing activities and through various capacity building measures. The trainees are closely monitored for improvements and gauged through several VST's and company Mock tests, until they are ready and have gained eligibility. Programs life centre.

Support of the control of the activities and through control of the activities and through control with IBM, Network Certification in association with IRM and Campus Connect in associatio



ELECTRONICS AND COMMUNICATION ENGINEERING



What is Computer Science Engineering?

Electronics and Communications Engineering (ECE) involves researching, designing, developing, and testing electronic equipment used in various systems. Electronics and Communications engineers also conceptualize and oversee the manufacturing of communications and broadcast systems. This stream of engineering deals with analog transmission, basic electronics, microprocessors, solid-state devices, digital and analog communication, analog integrated circuits, microwave engineering, satellite communication, antennae, and wave progression. It also deals with the manufacturing of electronic devices, circuits, and communications equipment. In India, Electronics and Communications Engineering is offered by various colleges at the UG as well PG level leading to BTech (4 years) and MTech (2 years) degrees respectively.

Electronics and Communication Engineering (ECE) helps build a career in the Telecom industry, consumer electronics manufacturing organization. Software Industry, Mobile Communication & IT Industry, Power Electronics, Healthcare Equipment Manufacturing Industry and several others like that of steel and chemicals. The Media and Entertainment industry is often deemed as the largest recruiter of ECE Engineers. They are also recruited in large numbers in government sectors. Public Sector Undertakings such as MTNL, BSNL and IOCL have been recruiting them for a long time. Apart from this, many graduates prefer Indian Engineering Service, which is considered very prestigious in the engineering field. Electronics and Communication Engineering (ECE) Engineers are also employed in the Semiconductor and Chip design Industry predominantly. There are always options for higher studies to gain more proficiency in the subject. The Electronics and Communication Engineering field is growing every day and has a huge scope to accommodate eligible young professionals.

Analytical skills	Problem-solving skills	
Critical thinking	Creativity	
Good Programming Skills	Strong Data Structures and Algorithms skills	
Basic web development knowledge	Basics of Machine Learning	
Basics of security, vulnerabilities, and cryptography	Ability to grasp the knowledge quickly	

click me to visit for html lists tutorial

HTML LISTS

HTML lists allow web developers to group a set of related items in lists



Ordered HTML List

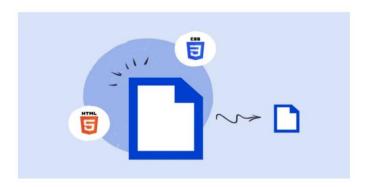
An ordered list starts with the " ol " tag. Each list item starts with the " li " tag.

The list items will be marked with numbers by default:



HTML Description Lists

HTML List Tags



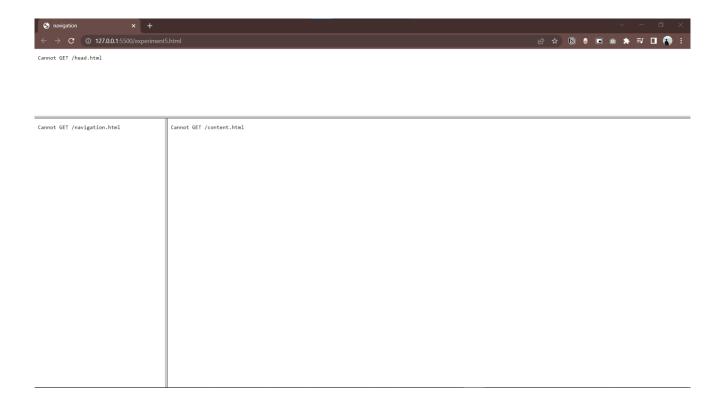
EXPERIMENT5:

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

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

CODE:

```
<html>
<title>navigation</title>
<FRAMESET Rows = "20%,*" >
<Frame Src="head.html" title="head frame" >
<FRAMESET Cols = "20%,*">
<Frame Src="navigation.html" title="navigation frame">
<Frame Src="content.html" title="content frame">
</FRAMESET>
</frameSet>
</html>
</html>
```



EXPERIMENT6:

Q. Write an HTML code to demonstrate the usage of in line CSS.

Code:

```
<!DOCTYPE html>
<html>
 <head>
   <title>inline function</title>
 </head>
 <body>
   <h1 style="color: brown; text-align: center">
     Demonstration of inline function
   </h1>
   Here style attribute in the "h1 and p" defines the inline function of
     the<br />
     html.In h1 tag we added brown color to the text and aligned the text to
     the center and in the p tag we added border to the <br />
     paragraph with 4px width and solid black
   </body>
</html>
```

OUTPUT:



Demonstration of inline function

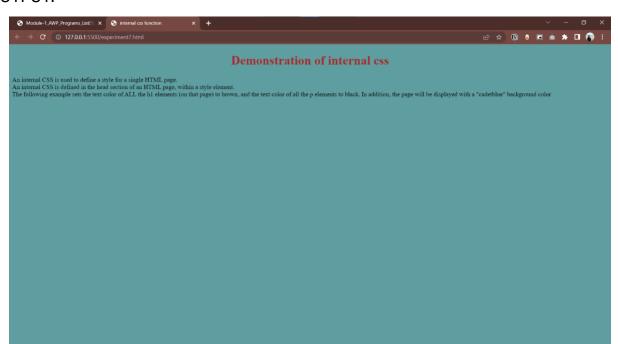
Here style attribute in the "h1 and p" defines the inline function of the html. In h1 tag we added brown color to the text and aligned the text to the center and in the p tag we added border to the paragraph with 4px width and solid black.

EXPERIMENT7:

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

Code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>internal css function</title>
        <style>
            body{background-color: cadetblue;}
            h1{color:brown}
            h1{text-align: center;} p{color: black;}
        </style>
    </head>
    <body>
        <h1>Demonstration of internal css</h1>
        >
            An internal CSS is used to define a style for a single HTML page.
            An internal CSS is defined in the head section of an HTML page,
within a style element.
            <br>
            The following example sets the text color of ALL the h1 elements (on
that page) to brown, and the text
            color of all the p elements to black. In addition, the page will be
displayed with a "cadetblue" background
            color
        </body>
</html>
```



EXPERIMENT8:

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

CODE:

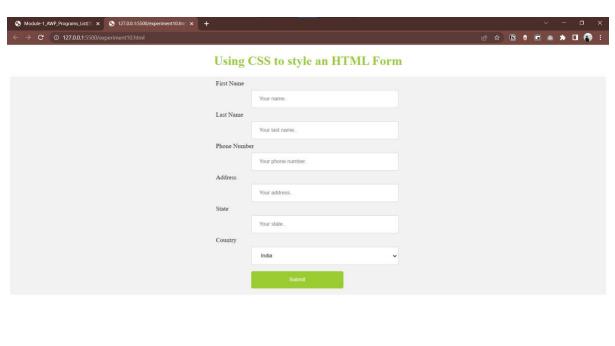


EXPERIMENT10:

Q) Design form using HTML and apply CCS.

```
<!DOCTYPE html>
<html>
  <style>
    input[type="text"],
    select {
      width: 80%;
      padding: 14px 20px;
      margin: 8px 90px;
      display: inline-block;
      border: 1px solid #ccc;
      border-radius: 4px;
      box-sizing: border-box;
    input[type="submit"] {
      width: 50%;
      background-color: yellowgreen;
      color: white;
      padding: 14px 20px;
      margin: 8px 90px;
      border: none;
      border-radius: 4px;
      cursor: pointer;
    }
    input[type="submit"]:hover {
      background-color: blue;
    }
    div {
      border-radius: 5px;
      background-color: #f2f2f2;
      padding: 8px 525px;
    }
  </style>
  <body>
    <h1 style="text-align: center; color: yellowgreen">
      Using CSS to style an HTML Form
    </h1>
    <div>
      <form>
        <label for="fname">First Name</label><br />
```

```
<input</pre>
        type="text"
        id="fname"
        name="firstname"
        placeholder="Your name.."
      /><br />
      <label for="lname">Last Name</label><br />
      <input</pre>
        type="text"
        id="lname"
        name="lastname"
        placeholder="Your last name.."
      /><br />
      <label for="lname">Phone Number</label><br />
      <input</pre>
        type="text"
        id="phno"
        name="phone number"
        placeholder="Your phone number.."
      <label for="lname">Address</label><br />
      <input</pre>
        type="text"
        id="add"
        name="address"
        placeholder="Your address.."
      /><br />
      <label for="lname">State</label><br />
      <input</pre>
        type="text"
        id="state"
        name="state"
        placeholder="Your state.."
      /><br />
      <label for="country">Country</label><br />
      <select id="country" name="country" active="India">
        <option value="australia">India</option>
        <option value="australia">Australia</option>
        <option value="canada">Canada</option>
        <option value="usa">USA</option>
      </select>
      <br /><input type="submit" value="Submit" />
    </form>
  </div>
</body>
```



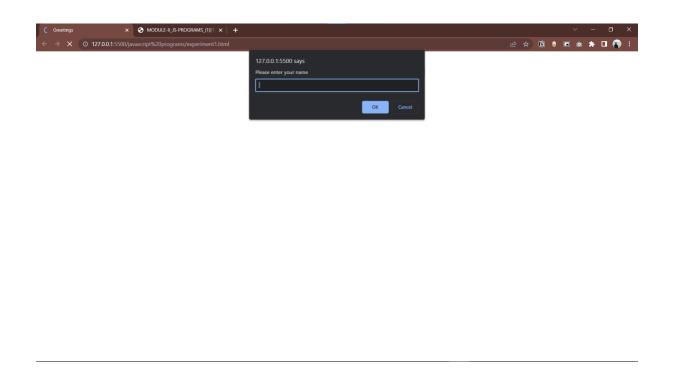
EXPERIMENT11:

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

CODE:

```
<html>
<head>
<title>
Greetings </title>
</head>
<body>
<script>
firstName = prompt("Please enter your name", " ");
document.write("Hello " + firstName + ", welcome to my Web page.");
</script>
 This is my web page... 
</body>
</html>
```





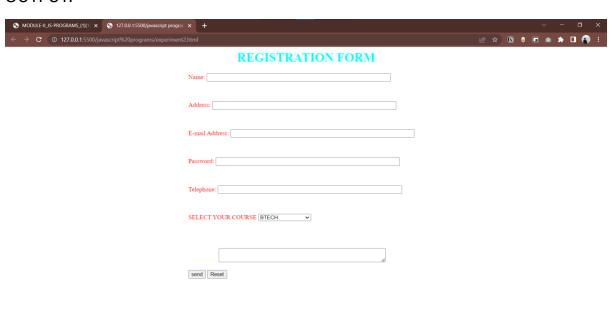
EXPERIMENT12:

Q) Design HTML form for keeping student record and validate it using Javascript.

```
<html>
  <head>
   <script>
      function awp() {
        var name = document.forms["RegForm"]["Name"];
        var email = document.forms["RegForm"]["EMail"];
        var phone = document.forms["RegForm"]["Telephone"];
        var what = document.forms["RegForm"]["Subject"];
        var password = document.forms["RegForm"]["Password"];
        var address = document.forms["RegForm"]["Address"];
        if (name.value == "") {
          window.alert("Please enter your name.");
          name.focus();
          return false;
        if (address.value == "") {
          window.alert("Please enter your address.");
          address.focus();
          return false;
        }
        if (email.value == "") {
          window.alert("Please enter a valid e-mail address.");
          email.focus();
          return false;
        if (phone.value == "") {
          window.alert("Please enter your telephone number.");
          phone.focus();
          return false;
        }
        if (password.value == "") {
          window.alert("Please enter your password");
          password.focus();
          return false;
        if (what.selectedIndex < 1) {</pre>
          alert("Please enter your course.");
          what.focus();
          return false;
```

```
}
     return true;
   }
 </script>
 <style>
   div {
     box-sizing: border-box;
     width: 100%;
     border: 100px solid black;
     float: left;
     align-content: center;
     align-items: center;
     color: blue;
   }
   form {
     margin: 0 auto;
     width: 600px;
     color: lightyellow;
   }
 </style>
</head>
<body>
 <h1 style="text-align: center; color: aqua">REGISTRATION FORM</h1>
 <form
   name="RegForm"
   action="/submit.php"
   onsubmit="return awp()"
   method="post"
   Name: <input type="text" size="65" name="Name" />
   <br />
   Address: <input type="text" size="65" name="Address" />
   <br />
   E-mail Address: <input type="text" size="65" name="EMail" />
   <br />
   Password: <input type="text" size="65" name="Password" />
   <br />
```

```
Telephone: <input type="text" size="65" name="Telephone" />
     <br />
     SELECT YOUR COURSE
      <select type="text" value="" name="Subject">
        <option>BTECH</option>
        <option>BBA</option>
        <option>BCA</option>
        <option>B.COM</option>
        <option>GEEKFORGEEKS</option>
      </select>
     <br />
     <br />
     Comments: <textarea cols="55" name="Comment"> </textarea>
     <input type="submit" value="send" name="Submit" />
      <input type="reset" value="Reset" name="Reset" />
     </form>
 </body>
</html>
```



EXPERIMENT13:

Q) Write programs using Java script for Web Page to display browsers

information.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=devicewidth, initial-scale=1.0" />
    <title>Document</title>
    <script>
      function show() {
        document.writeln(
          "<br/>navigator.appCodeName: " + navigator.appCodeName
        );
        document.writeln("<br/>navigator.appName: " + navigator.appName);
        document.writeln("<br/>>navigator.appVersion: " + navigator.appVersion);
        document.writeln(
          "<br/>havigator.cookieEnabled: " + navigator.cookieEnabled
        );
        document.writeln("<br/>>navigator.language: " + navigator.language);
        document.writeln("<br/>>navigator.userAgent: " + navigator.userAgent);
        document.writeln("<br/>navigator.platform: " + navigator.platform);
        document.writeln("<br/>>navigator.onLine: " + navigator.onLine);
      }
    </script>
  </head>
  <body>
    <form id="form1">
      <div>
        <input
          align="middle"
          id="Button1"
          type="button"
          value="Click me"
          onclick="show()"
        />
      </div>
    </form>
  </body>
</html>
```

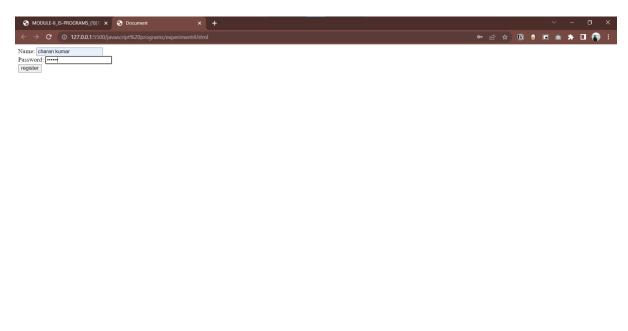


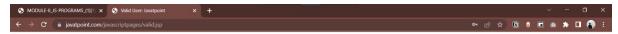


EXPERIMENT14:

Q) Validate form page using JavaScript

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script>
    function validateform() {
      var name = document.myform.name.value;
      var password = document.myform.password.value;
      if (name == null || name == "") {
        alert("Name can't be blank");
        return false;
      } else if (password.length < 6) {</pre>
        alert("Password must be at least 6 characters long.");
        return false;
      }
    }
  </script>
</head>
<body>
  <form name="myform" method="post"</pre>
action="http://www.javatpoint.com/javascriptpages/valid.jsp" onsubmit="return
validateform()">
    Name: <input type="text" name="name"><br/>>
    Password: <input type="password" name="password"><br/>
    <input type="submit" value="register">
  </form>
</body>
</html>
```





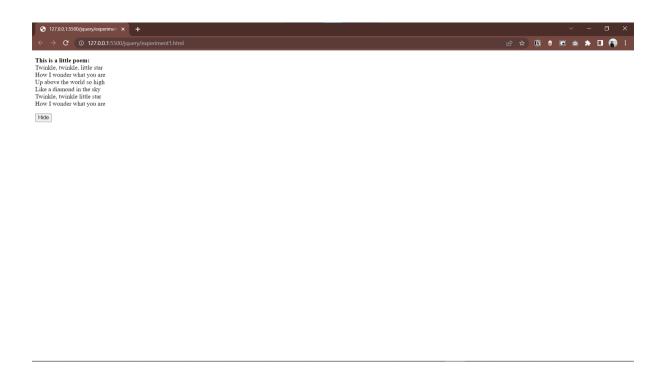
You are valid user

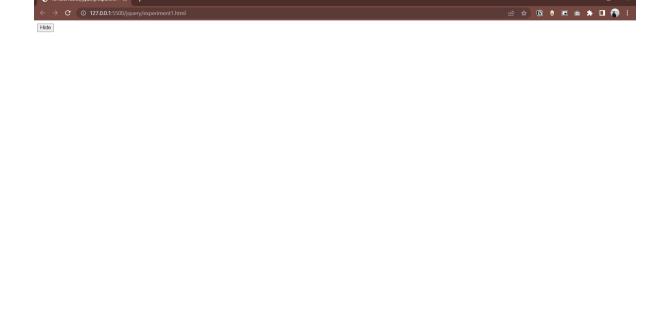
Thanks for visiting our site

EXPERIMENT15:

Q) Use JQuery hide() effect in page

```
<!DOCTYPE html>
<html>
  <head>
    <script src="https://code.jquery.com/jquery-3.6.4.js"></script>
    <script>
      $(document).ready(function () {
        $("#hide").click(function () {
          $("p").hide();
        });
      });
    </script>
  </head>
  <body>
    >
      <br/>
<b>This is a little poem: </b><br />
      Twinkle, twinkle, little star<br />
     How I wonder what you are <br />
      Up above the world so high<br />
      Like a diamond in the sky<br />
      Twinkle, twinkle little star<br />
      How I wonder what you are
    <button id="hide">Hide</putton>
  </body>
</html>
```



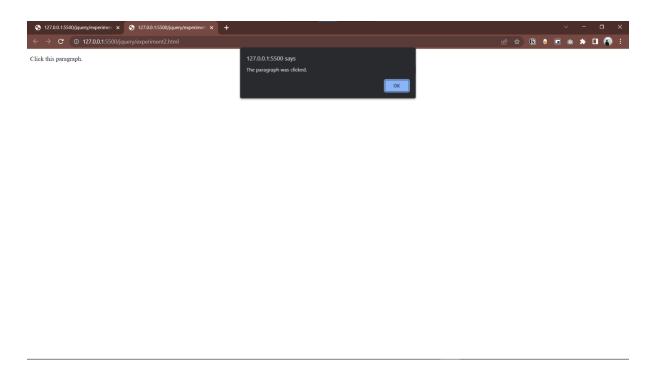


EXPERIMENT16:

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

CODE:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-3.6.4.js"></script>
<script>
$(document).ready(function(){
 $("p").on("click", function(){
   alert("The paragraph was clicked.");
 });
});
</script>
</head>
<body>
Click this paragraph.
</body>
</html>
```



EXPERIMENT17:

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

CODE:

```
margin: 0;
    }
    html, body{
        height:100%;
    }
</style>
<script src="https://code.jquery.com/jquery-3.6.4.js"></script>
<script>
$(document).ready(function() {
    $("body").mousemove(function(event){
        var relPageCoords = "(" + event.pageX + "," + event.pageY + ")";
        $(".mouse-cords").text(relPageCoords);
    });
});
</script>
</head>
<body>
    Coordinates of mouse pointer with respect to the page are: <strong</p>
class="mouse-cords"></strong>
</body>
</html>
```



EXPERIMENT18:

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

CODE:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-3.6.4.js"></script>
<script type="text/javascript">
$(document).ready(function(){
$("p").click(function(event){
$("span").text(event.timeStamp);
});
});
</script>
</head>
<body>
If you click on me, I will disappear.
Click me away!
Click me too!
The click event occurred <span style="color:red">unknown</span>
milliseconds
</body>
</html>
```



EXPERIMENT19:

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

CODE:

```
<html>
  <head>
   <script type="text/javascript" src="https://code.jquery.com/jquery-</pre>
3.6.4.js"></script>
    <script type="text/javascript">
        $(document).ready(function(){
              $("p").contents().not("[nodeType=1]").wrap("<i/>");
        });
    </script>
  </head>
  <body>
    <body>
        Hello <a href="http://java2s.com/">java2s</a>asdf
    </body>
</html>
```



EXPERIMENT20:

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

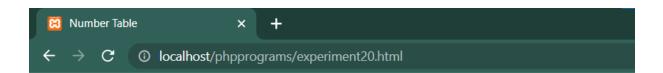
```
HTML CODE:
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Number Table</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
</script>
    <script src="experiment20.js"></script>
</head>
<body>
    <h1>Number Table</h1>
    <form id="number-form">
    <label for="number-list">Enter a list of numbers, separated by
commas:</label><br>
        <input type="text" id="number-list" name="number-list"><br>
        <input type="submit" value="Generate Table">
    </form>
    <div id="table-container"></div>
</body>
</html>
JS CODE:
$(document).ready(function() {
    $("#number-form").submit(function(event) {
        event.preventDefault();
        var numbers = $("#number-list").val();
        $.ajax({
            url: "experiment20.php",
            method: "POST",
            data: { numbers: numbers },
            success: function(result) {
                $("#table-container").html(result);
            }
        });
    });
```

```
});
```

PHP CODE:

OUTPUT:



Number Table

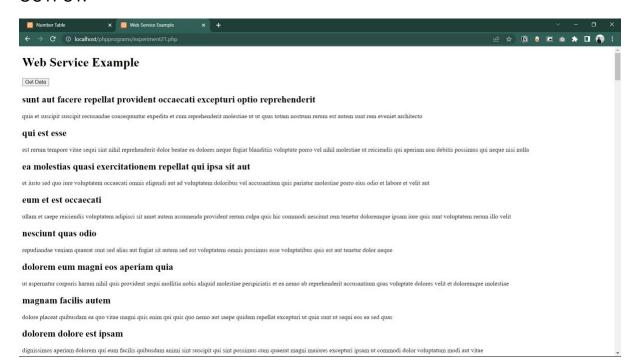
Enter a list of numbers, separated by commas:

```
2,3,4
Generate Table
2 4
3 9
4 16
```

EXPERIMENT21:

Q) Access web service using Ajax and handle using JSON.

```
JS CODE:
$(document).ready(function() {
    $("#get-data").click(function() {
        $.ajax({
            url: "https://jsonplaceholder.typicode.com/posts",
            method: "GET",
            dataType: "json",
            success: function(result) {
                var data = "";
                $.each(result, function(index, post) {
                    data += "<h2>" + post.title + "</h2><p>" + post.body +
"";
                });
                $("#data-container").html(data);
            }
        });
    });
});
PHP CODE:
<!DOCTYPE html>
<html>
<head>
    <title>Web Service Example</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="experiment21.js"></script>
</head>
<body>
    <h1>Web Service Example</h1>
    <button id="get-data">Get Data/button>
    <div id="data-container"></div>
</body>
</html>
```



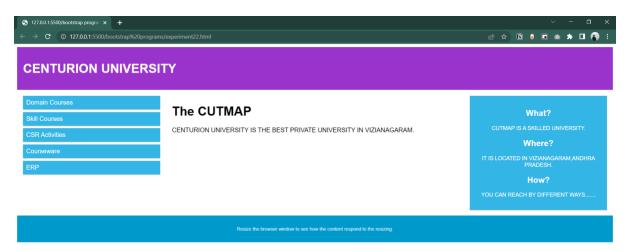
EXPERIMENT22:

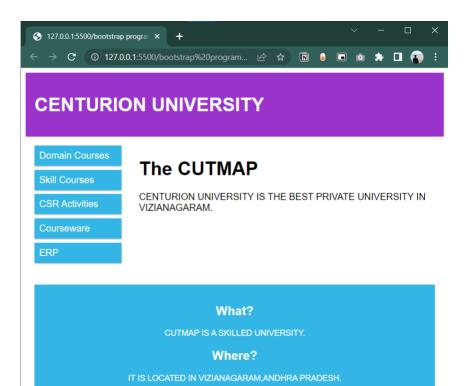
Q) Create a responsive website using bootstap.

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
* {
 box-sizing: border-box;
.row::after {
 content: "";
  clear: both;
  display: table;
}
[class*="col-"] {
 float: left;
  padding: 15px;
}
html {
  font-family: "Lucida Sans", sans-serif;
}
.header {
  background-color: #9933cc;
  color: #ffffff;
  padding: 15px;
}
.menu ul {
  list-style-type: none;
  margin: 0;
 padding: 0;
}
.menu li {
  padding: 8px;
```

```
margin-bottom: 7px;
  background-color: #33b5e5;
  color: #ffffff;
 box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px 2px rgba(0,0,0,0.24);
}
.menu li:hover {
 background-color: #0099cc;
}
.aside {
  background-color: #33b5e5;
 padding: 15px;
  color: #ffffff;
 text-align: center;
 font-size: 14px;
 box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px 2px rgba(0,0,0,0.24);
}
.footer {
  background-color: #0099cc;
  color: #ffffff;
 text-align: center;
 font-size: 12px;
 padding: 15px;
}
/* For mobile phones: */
[class*="col-"] {
 width: 100%;
}
@media only screen and (min-width: 600px) {
 /* For tablets: */
  .col-s-1 {width: 8.33%;}
  .col-s-2 {width: 16.66%;}
  .col-s-3 {width: 25%;}
  .col-s-4 {width: 33.33%;}
  .col-s-5 {width: 41.66%;}
  .col-s-6 {width: 50%;}
  .col-s-7 {width: 58.33%;}
  .col-s-8 {width: 66.66%;}
  .col-s-9 {width: 75%;}
  .col-s-10 {width: 83.33%;}
  .col-s-11 {width: 91.66%;}
```

```
.col-s-12 {width: 100%;}
}
@media only screen and (min-width: 768px) {
 /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}
</style>
</head>
<body>
<div class="header">
  <h1>CENTURION UNIVERSITY</h1>
</div>
<div class="row">
  <div class="col-3 col-s-3 menu">
   <l
     Domain Courses
     Skill Courses
     CSR Activities
     Courseware
     ERP
   </div>
  <div class="col-6 col-s-9">
   <h1>The CUTMAP</h1>
   <CENTURION UNIVERSITY IS THE BEST PRIVATE UNIVERSITY IN VIZIANAGARAM.</p>
</div>
<div class="col-3 col-s-12">
  <div class="aside">
   <h2>What?</h2>
```





EXPERIMENT23:

Q) Develop student registration web application using PHP

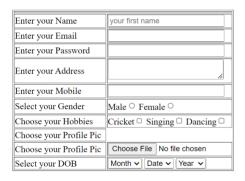
```
<!DOCTYPE html>
<html >
<head>
<title>Registration Form</title>
<style> input,textarea{width:200px}
input[type=radio],input[type=checkbox]{width:10px}
input[type=submit],input[type=reset]{width:100px}
</style>
</head>
<body>
   <h1>Student Registration Form </h1>
<form method="post" enctype="multipart/form-data">
<?php echo @$msg; ?>
Enter your Name
<input type="text" placeholder="your first name" name="n" pattern="[a-z A- Z]*"</pre>
required />
Enter your Email
<input type="email" name="e"/>
Enter your Password
<input type="password" name="p"/>
Enter your Address
<textarea name="add"></textarea>
Enter your Mobile
<input type="text" pattern="[0-9]*" name="m" />
```

```
Select your Gender
Male<input type="radio" name="g" value="m"/> Female<input type="radio" name="g"
value="f"/>
Choose your Hobbies
Cricket<input type="checkbox" value="cricket" name="hobb[]"/>
Singing<input type="checkbox" value="singing" name="hobb[]"/>
Dancing<input type="checkbox" value="dancing" name="hobb[]"/>
Choose your Profile Pic 
Choose your Profile Pic 
<input type="file" name="pic"/>
Select your DOB
<select name="mm">
<option value="">Month</option>
<?php for($i=1;$i<=12;$i++)</pre>
{
echo "<option value='$i'>".$i."</option>";
}
?>
</select>
<select name="dd">
<option value="">Date</option>
<?php for($i=1;$i<=31;$i++)</pre>
echo "<option value='$i'>".$i."</option>";
}
?>
```

```
</select>
<select name="yy">
<option value="">Year</option>
<?php for($i=1900;$i<=2015;$i++)
{
echo "<option value='$i'>".$i."</option>";
}?>
```



Student Registration Form



EXPERIMENT9:

Q)Create a website of your own choice using HTML and CSS

```
<!DOCTYPE html>
<html>
 <head>
   <title>Chicken Biryani</title>
 </head>
 <body>
   <h1>CHICKEN BIRYANI</h1>
   >
     Biryani is a classic Indian dish that is often served at weddings and
     celebrations. However, it is a common dish to occasionally be made at home
     for dinner as well. Making a chicken biryani is a lengthy process but once
     you taste the mixture of the chicken, spices, and rice, you will know that
     all your efforts were totally with it!
   <br />
   <l
     Prep time: 5 hours (active prep: 30 minutes)
     Cook time: 60 minutes
     Total time: 6 hours
   <hr />
   <h2>Ingredients :</h2>
   <br />
   <h3>Fried Onions</h3>
     2 medium-sized onions, chopped/sliced
     <1i>>
       1/2 cup of oil to fry the onions (sunflower oil, canola oil, or
       vegetable oil)
     <br />
   <h3>Chicken Marinade</h3>
   <l
     2 lbs of Chicken on the bone cut into large parts (8-10 pieces)
     2 tbsp ginger garlic paste
     1 tbsp red chili powder
     Salt - to taste (approximately 1 tsp)
```

```
1 cup yogurt
 1 tsp Garam Masala powder
 1 tsp green cardamom powder
 1 tsp cumin powder
 1/2 tsp turmeric powder
 1 cup of fried brown onions
 4 tbsp melted ghee (clarified butter)
 1/4 cup of freshly chopped coriander leaves (cilantro)
 10-15 mint leaves (no stalk)
 2-4 green chilies (broken or cut)
 1 tbsp lemon juice
<br />
<h3>The Rice</h3>
<l
 2 cups of basmati rice
 8 cups of water
 2 one inch pieces of cinnamon
 5-6 whole peppercorns (to taste)
 5 green cardamoms
 2 black cardamoms
 3 cloves
 2 pieces of cinnamon
 1 bay leaf
 1 piece of mace
 1 tsp of ghee
 1/2 tsp of salt
<br />
<h3>Chapati Dough</h3>
<l
 2 cups of wholemeal chapati flour
 1 cup of water
<h3>Saffron Mixture</h3>
<l
 1/4 tsp saffron
 2 tbsp milk
<br />
<h3>Other Ingredients</h3>
<l
 <
   5-7 tbsp of ghee clarified butter (to drizzle atop the biryani before
   pressure cooking)
```

```
Handful of cashews (optional)
     Handful of golden raisins (optional)
     Rose water (optional)
   <br />
   <hr />
   <br />
   <h2>Making the Fried Onions</h2>
   src="https://www.wikihow.com/images/thumb/a/ab/Make-a-Chicken-Biryani-Step-1-
Version-3.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-1-Version-
3.jpg.webp"
   alt="frying onions"
   height="546px"
   width="728px"
   />
   <b>1.Heat the oil in the pan .</b> Start with the stove heat on high to
get
       the oil nice and hot, quickly. The onions should sizzle when you put
       them in the pan with the oil.
       <l
           Once you see oil evaporating a little bit, the oil is ready for
the onions.
       <br>
   <img
   src="https://www.wikihow.com/images/thumb/a/a2/Make-a-Chicken-Biryani-Step-2-
Version-3.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-2-Version-
3.jpg.webp"
   alt="frying onions"
   height="546px"
   width="728px"
   />
   <b>2.Add your onions to the oil.</b>
       It's easier to fry onions in smaller portions, so for 2 sliced onions,
you can try frying 3 batches or so
    <img
    src="https://www.wikihow.com/images/thumb/2/21/Make-a-Chicken-Biryani-Step-3-
Version-3.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-3-Version-
3.jpg.webp"
   alt="frying onions"
   height="546px"
```

```
width="728px"
   />
   <br>
   <b>3.Reduce the flame to medium.</b>Deep fry the onions on medium heat
until they turn a golden brown. This should take about 10-20 minutes.
   <l
   <l
       If the dough is dry and isn't really mixing well, you can add 1-2
tablespoons of water.
       Knead the dough by pushing on it with your knuckles and heels of your
hands. Make sure your hands are damp with water while doing this so the dough
doesn't stick to your skin. Knead the dough for about 10 minutes to ensure it is
fully mixed together.
    <br>
   <h2>Preparing The Biryani</h2>
   <br>
   <img
    src="https://www.wikihow.com/images/thumb/2/22/Make-a-Chicken-Biryani-Step-
17.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-17.jpg.webp"
   alt="chicken marinade"
   height="546px"
   width="728px"
   />
   <br>
    <b>1.Place chicken into a thick bottom pot.</b>Traditionally, biryani is
cooked in an Indian cooking pot called a biryani handi, but any thick bottom pot
will work just fine.[6] A non-stick pot/handi works best.
   <u1>
       Spread the chicken so each piece of chicken is touching the bottom
and/or sides of the pot. This will help ensure that each piece of chicken gets
cooked thoroughly.
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18.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-18.jpg.webp"
   alt="chicken marinade"
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<b>2.Spread the rice.</b>The rice that you cooked earlier is now ready to
be added to the chicken. Create a layer of rice, adding about half of the rice on
top of the chicken.
   <u1>
        With your perforated spoon, pack the rice firmly into the pot. It is
okay if some water comes along with the rice, it will help things cook with the
steam.
       On top of the rice, sprinkle on fried onions(approximately 2 tbsp),
chopped coriander leaves(approximately 1tbsp), and mint leaves (approximately 8-
10). You can also sprinkle on cashew or golden raisins, but these are
optional.
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   src="https://www.wikihow.com/images/thumb/8/82/Make-a-Chicken-Biryani-Step-
19.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-19.jpg.webp"
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    <br>
    <b>3.Add the next layer of rice.</b>This is the second, and final layer of
rice you will be adding to the biryani. Once the rest of the rest is spread
evenly, add on the rest of the brown onions (approximately 1 tbsp), a little bit
more coriander leaves (approximately 1/2 tbsp), mint leaves (3-5), the saffron
milk mixture, and approximately 6 tbsp of ghee.
    <l
       An alternative and optional topping is adding some rose water. Just
add about 1/2 a capful, and sprinkle it over the top of the biryani.
    <br>
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    src="https://www.wikihow.com/images/thumb/4/4d/Make-a-Chicken-Biryani-Step-
20.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-20.jpg.webp"
   alt="chicken marinade"
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    <b>4. Put the lid on the pot upside down.</b>Roll the chapati dough into
long pieces and put the dough on the edges of the pot's upside down lid.[10] You
add the chapati dough to the edges of the lid, so when you turn the lid right
side up, the dough seals the pot so the chicken and rice can steam cook together.
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       Press lightly but firmly to make sure the lid is secure and
tight.
       You can add a weight to the lid to ensure that it stays sealed, but
usually if you use the dough, it is sealed good enough.
   <br>
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   src="https://www.wikihow.com/images/thumb/6/62/Make-a-Chicken-Biryani-Step-
21.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-21.jpg.webp"
   alt="chicken marinade"
   height="546px"
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   <br>
   <b>5.Cook the biryani.</b>Keep the biryani cooking for about 5-10 on high
flame. Then, take the pot off the flame, put a cooking plate on the flame, and
place the pot back on the flame with the cooking plate.
   <l
       This is the safest method to cook the biryani and make sure the
biryani doesn't burn because of the direct contact with the heat
       After about 35 switch off the flame, but don't open the biryani yet.
Let the biryani sit for another 10 minutes.
   <br>
   <img
   src="https://www.wikihow.com/images/thumb/7/7c/Make-a-Chicken-Biryani-Step-
22.jpg/aid478005-v4-728px-Make-a-Chicken-Biryani-Step-22.jpg.webp"
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   <b>6.Carefully remove the pot's top.</b>The dough will be a little cooked
and hardened, but crack through it, and take of the top to check the biryani.
   <l
       A lot of steam will come out so be careful not to burn yourself.
       Slowly stick a large spoon on the inside side of the hand and lift to
get the bottom layers of the rice out. Then, as you work your way down, bring up
a piece of chicken. The pieces of chicken should have a brown coloring.
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