PRACTICAL FILE

Full Stack Web Lab

CSE 6th SEMESTER

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SUBMITTED TO: **SUBMITTED BY:**

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COURSE: B. TECH(CSE)   **SECTION: M**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GRAPHIC ERA HILL UNIVERSITY, DEHRADUN

Practical-1

Q. Write an HTML Code displaying the following things:
- multi-line comments
** - heading in red color using color-name, hexcode, and rgb format.**
** - heading in "Times New Roman" font.**
** - image of size 640*480 with alternate text(use both absolute and relative url to insert image)**

```html
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <title>Practicle-1</title>
      <style>
        body
        {
           align-items: center;
           text-align: center;
        }
        #heading
        {
           color: red;
           font-family: 'Times New Roman';
        }
        img
        {
           width: 480px;
           height: 640px;
        }
      </style>
   </head>
   <body>
      <h2>Practicle-1</h2>
      <!-- This is Multi-Line Comment....
         Practcal-1 (Part-1)
         Thank you
      -->

      <h1 id="heading">This is the Heading</h1>
      <frameset>
        <frame><!--Absolute Path--><img src="1.jpg"/></frame>
        <frame><!--Relative URL Path--><img src="../2.jpg"/></frame>
      </frameset>

   </body>
</html>
```

OUTPUT:

Practicle-1

This is the Heading

<div align="center">**Practical-2**</div>

Q. Write an HTML Code to create a hyperlink which opens a document in a new tab. Also create a clickable image.

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-2</title>
    <style>
      body
      {
         align-items: center;
         text-align: center;
      }
    </style>
  </head>
  <body>
    <h2>Practical-2</h2>

    <!-- Creating a HyperLink to www.Google.com -->
    <a href="https://www.google.com" target="_blank">Click Me</a>
    <br><br>
    <a href="https://my-portfolio-0712.netlify.app" target="_blank"><img src="1.jpg"
width="260px" height="260px" /></a>
  </body>
</html>
```
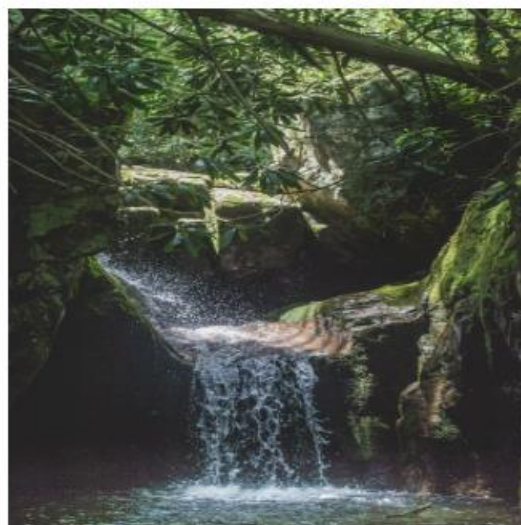
OUTPUT:

<h1 style="text-align: center;">Practical-3</h1>

Q. Create ordered, unordered and description list

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical-3</title>
    <style>
      body
      {
        width: 550px;
        margin-left: 30%;
      }
      h2
      {
        text-align: center;
      }
    </style>
  </head>
  <body>
    <h2>Practical-3</h2>

    <h3>Ordered List:</h3>

<ol>
    <li>Hello EveryOne <strong>(Numbered)</strong></li>
    <li>I am pursuing Btech from Graphic Era Hill University.</li>
</ol>

<ol type="A">
    <li>Hello EveryOne <strong>(Alphabetic)</strong></li>
    <li>I am pursuing Btech from Graphic Era Hill University.</li>
</ol>

<ol type="I">
    <li>Hello EveryOne <strong>(Roman)</strong></li>
    <li>I am pursuing Btech from Graphic Era Hill University.</li>
</ol>

<br>
<hr><br>

<h3>Unordered List:</h3>

<ul>
    <li>Hello EveryOne <strong>(Dot)</strong></li>
    <li>I am pursuing Btech from Graphic Era Hill University.</li>
</ul>
<ul type="circle">
```

```
        <li>Hello EveryOne <strong>(Circle)</strong></li>
        <li>I am pursuing Btech from Graphic Era Hill University.</li>
    </ul>
    <ul type="Square">
        <li>Hello EveryOne <strong>(Square)</strong></li>
        <li>I am pursuing Btech from Graphic Era Hill University.</li>
    </ul>

    <br>
    <hr><br>

    <h3>Description List:</h3>

    <dl>
        <dt>Hello EveryOne <strong>(Definition Term)</strong></dt>
        <dd>I am pursuing Btech from Graphic Era Hill University. <strong>(Definition
Description)</strong></dd>
    </dl>
    </body>
</html>
```

OUTPUT:

Practical-3

Ordered List:

1. Hello EveryOne **(Numbered)**
2. I am pursuing Btech from Graphic Era Hill University.

A. Hello EveryOne **(Alphabetic)**
B. I am pursuing Btech from Graphic Era Hill University.

 I. Hello EveryOne **(Roman)**
II. I am pursuing Btech from Graphic Era Hill University.

Unordered List:

- Hello EveryOne **(Dot)**
- I am pursuing Btech from Graphic Era Hill University.

○ Hello EveryOne **(Circle)**
○ I am pursuing Btech from Graphic Era Hill University.

■ Hello EveryOne **(Square)**
■ I am pursuing Btech from Graphic Era Hill University.

Description List:

Hello EveryOne **(Definition Term)**
    I am pursuing Btech from Graphic Era Hill University. **(Definition Description)**

Practical-4

Q. Create the below table:

NAME	Rahul	Riya	Reema
AGE	20	21	22
Mobile	999912134 999912245	999912322	999912488

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">
   <title>Practical-4</title>
   <style>
     body {
        align-items: center;
        text-align: center;
     }
   </style>
</head>
<body>
   <h2>Practical-4</h2><br>
   <center>
     <!-- Creating a Table -->
     <table border="01" width="300" height="300" cellspacing="5" cellpadding="20">
        <tr>
          <th>Name</th>
          <td>Rahul</td>
          <td>Riya</td>
          <td>Remma</td>
        </tr>
        <tr>
          <th>Age</th>
          <td>20</td>
          <td>21</td>
          <td>22</td>
        </tr>
        <tr>
          <th rowspan="2">Mobile</th>
          <td>999912134</td>
          <td>999912132</td>
          <td>999912130</td>
        </tr>
        <tr>
          <td>999912245</td>
          <td></td>
          <td></td>
        </tr>
```

```
        </table>
    </center>
</body>
</html>
```

OUTPUT:

Practical-4

Name	Rahul	Riya	Remma
Age	20	21	22
Mobile	999912134	999912132	999912130
	999912245		

<h1 style="text-align:center"><u>Practical-5</u></h1>

Q. Create an HTML Form which accepts user's name, age, gender, and hobbies. Put following validations:
- Age should not be less than 18.
- Name is mandatory to fill.

```html
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Practical-5</title>
      <style>
         body{ width: 200px;  margin-left: 40%;}
         h2{ text-align: center; }
      </style>
   </head>
   <body>
      <h2>Practical-5</h2>
      <!-- Creating a HTML Form -->
      <form style=" border: 1px solid black; padding: 15px;">
         Name : <input type="text" required><br><br>
         Age  : <input type="number" min="18"><br><br>
         Gender : <br>Male<input type="radio" name="gender" value="male" checked><br>
         Female<input type="radio" name="gender" value="female"><br>
         <br>
         Hobbies : <br>Cricket<input type="checkbox" name="hobby" value="cricket"><br>
         Football<input type="checkbox" name="hobby" value="football"><br>
         Basketball<input type="checkbox" name="hobby" value="basketball"><br>
         <br><br>
         <input type="submit" value="Submit">
         <input type="reset" value="Reset">
      </form>
   </body>
</html>
```
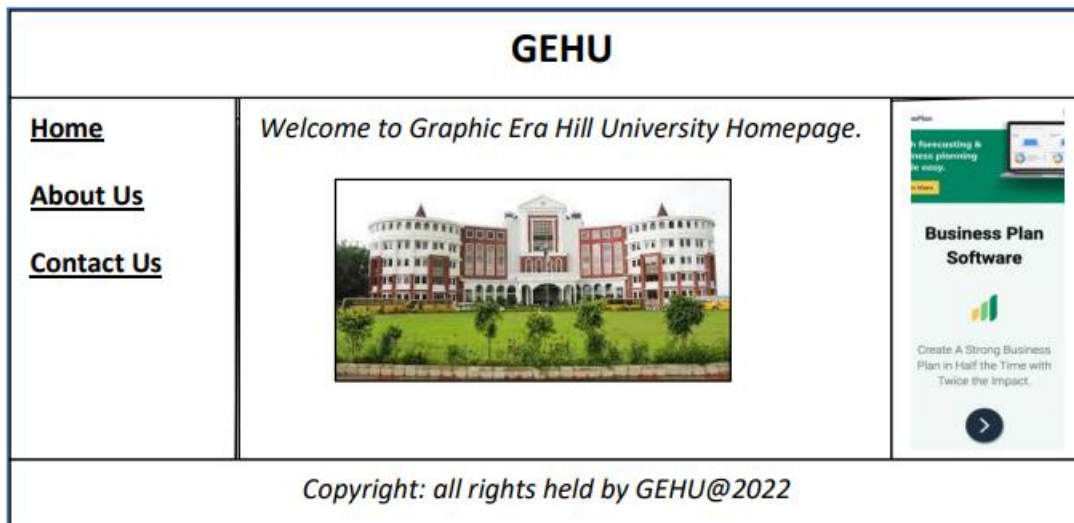
OUTPUT:

Q. Create GEHU front-page using HTML5.


```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-6</title>
    <style>
      h2 {
         text-align: center;
      }

      header {
         width: 100%;
         text-align: center;
         border: 1px solid black;
      }
      section
      {
         width: 100%;
         height: 100%;
      }

      nav {
         width: 19.65%;
         height: 550px;
         border: 1px solid black;
         float: left;
      }

      nav button {
```

```html
            font-size: 20px;
            margin-top: 30px;
            width: 100%;
            height: 125px;
            background: transparent;
            border: 1px solid black;
        }

        article {
            float: left;
            width: 60%;
            height: 550px;
            border: 1px solid black;
        }

        article p {
            font-size: 25px;
            margin-bottom: 80px;
        }

        aside {
            float: left;
            width: 20%;
            height: 550px;
            border: 1px solid black;
        }

        aside a img {
            width: 100%;
            height: 100%;
        }

        footer {
            float: right;
            border: 1px solid black;
            width: 100%;
        }
    </style>
</head>

<body>
    <h2>Practical-6</h2>
    <header>
        <h1><u>GEHU</u></h1>
        <header>
            <section>
                <nav>
                    <button>Home</button><br>
                    <button>About Us</button><br>
                    <button>Contact Us</button>
```

```
        </nav>
        <article>
            <p>Welcome to Graphic Era Hill University Home-Page</p>
            <img src="college.png" width="90%" height="70%">
        </article>
        <aside>
            <a href="#"><img src="ad.png" width="40px" height="500px"></a>
        </aside>
        <footer>
            <p>Copyright : all rights held by GEHU@2022</p>
        </footer>
    </section>
</body>

</html>
```

OUTPUT:

Practical-7
Q. Make use of frames to build a webpage as shown below:

Welcome to frame #1	Welcome to frame #2
Click me to go to Google.com!	
	Welcome to frame #3

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Practical-7</title>
        <style>
            h2
            {
                align-items: center;
                text-align: center;
            }
        </style>
    </head>
    <body>
        <h2>Practical-7</h2>

        <frameset cols="70%,30%" >
            <frame src="f1.html" style="border: 1px solid black;">
            <frameset rows="50%,50%">
                <frame src="f2.html" style="border: 1px solid black;">
                <frame src="f3.html" style="border: 1px solid black;">
            </frameset>
        </frameset>


    </body>
</html>

<!—Frame -1-->
<!DOCTYPE html>
<html lang="en">
    <body>
        <h2>Frame-1</h2>
        <a href="https://www.google.com">Click me to go to Google</a>
```

```html
        </body>
</html>

<!—Frame-2-->
<!DOCTYPE html>
<html lang="en">

    <body>
        <h2>Frame-2</h2>
        <p>Welcome to Frame-2</p>

    </body>
</html>

<!—Frame-3-->
<!DOCTYPE html>
<html lang="en">

    <body>
        <h2>Frame-3</h2>
        <p>Welcome to Frame-3</p>

    </body>
</html>
```

Q. Show the use of inline, internal and external CSS to achieve the following:
- Create 2 rectangular boxes and type "Box 1" and "Box 2" in them. Boxes should have light green background color.
- Set font color of text as red and font size of 20pixel
- Set padding as 5pixel within the box and set a margin of 20pixel between the boxes.
- Set border as dashed with red color and 1px width

```
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Practical-8</title>
      <style>
         section
         {  align-items: center;  text-align: center;  width: 700px;  margin-left: 28%;  }
         h2
         {  text-align: center;   }
         .b1
         {  height: 200px;  width: 300px;  background-color: lightgreen;   color: red;   font-weight: 900;  font-size: 20px;  padding: 5px;  float: left;   margin: 10px;   border: 1px dashed;
}
      </style>
   </head>
   <body>
      <h2>Practical-8</h2>
      <section>
         <div class="b1">BOX 1</div>
         <div class="b1">BOX 2</div>
      </section>
   </body>
</html>
```

OUTPUT:

Practical-8

| BOX 1 | BOX 2 |

Q. Demonstrate all 5 types of CSS positioning: Static, relative, absolute, fixed, and sticky.

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">
   <title>Practical-9</title>
   <style>
     h2
       { text-align: center; color: black; }
     h1 { font-family: 'Times New Roman', Times, serif; text-transform: capitalize; font-size: 40px; color: blue; font-weight: 900; font-style: italic; position: relative; top: 50%; bottom: 50%; left: 44%; right: 50%; }
     body { background-color: aqua; }
     #i1 { font-size: 30px; color: black; font-family: Arial, Helvetica, sans-serif; font-style: oblique; position: fixed; }
     #i2 { font-size: larger; color: black; font-family: Georgia, 'Times New Roman', Times, serif; font-size: 35px; position: sticky; top: 0px; }
     #i3 { color: black; font-size: 30px; position: absolute; }
     #i4 { font-size: 40px; color: black; }
   </style>
</head>
<body>
   <h2>Practical-9</h2>
   <h1>Hello Test</h1>
   <p id="i1">This is my Page</p>
   <p id="i2">I am Admin</p>
   <p id="i3"> I am 20 Year Old.</p>
   <pre id="i4">
       1

       2

       3

       4

       5

       6

       7

       8

       9
```
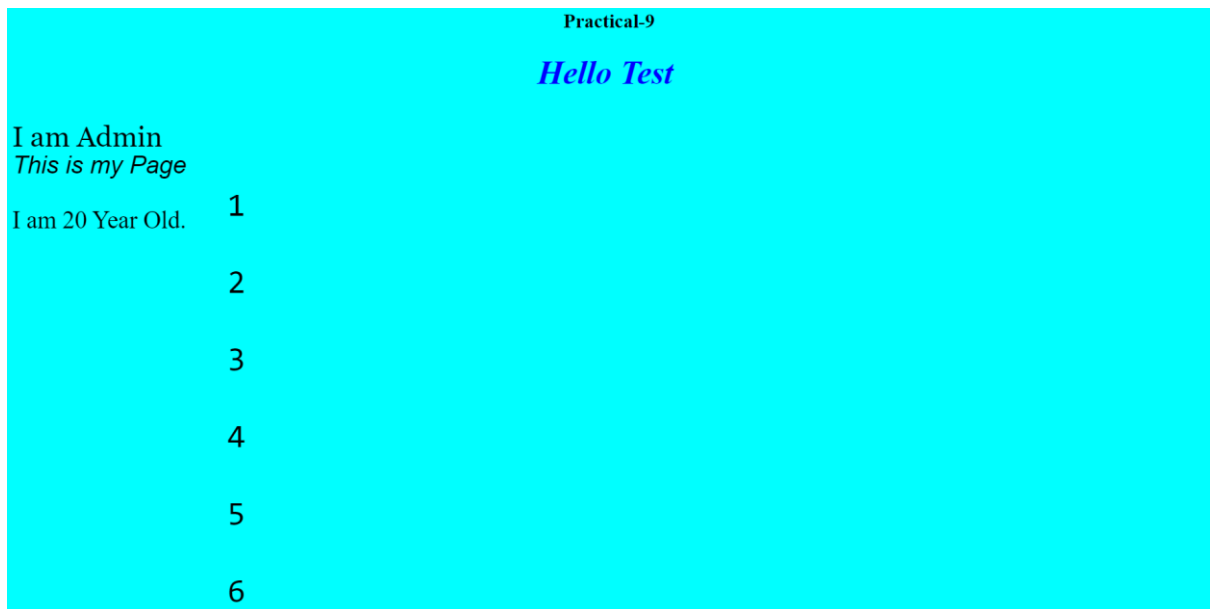
```
            10
        </pre>
    </body>
</html>
```

OUTPUT:

Hello Test

I am Admin
This is my Page

I am 20 Year Old.

1

2

3

4

5

6

Practical-10

Q. Show the implementation of Ajax call via jQuery.

```html
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
      </script>
      <title>Practical-10</title>
      <style>
         body
         {   align-items: center;   text-align: center;  }
      </style>
   </head>
   <body>
      <h2>Practical-10</h2>
      <h1>Ajax Request Response</h1>
<h2>Click on the button to send ajax request</h2>
<button>Send</button>
<h3 id="p1"></h3>
<script>
   $(document).ready(function () {
      $("button").click(function () {
         $.ajax("info.txt", {    success: function (data) {    $("#p1").append(data);   },
            error: function (errorMessage) {
               $("#p1").append("Error: File Missing<br> <br>" + errorMessage);    },   });
      })   });
</script>
   </body>
</html>
<!-- Info.txt file
<h1>Hey Dude..! This is Ajax Calling</h1>
<p>AJAX is not a programming language.</p>
<p>AJAX is a technique for accessing web servers from a web page.</p>
<p>AJAX stands for Asynchronous JavaScript And XML.</p> -->
```

OUTPUT:

Practical-10

Ajax Request Response

Click on the button to send ajax request

Send

Hey Dude..! This is Ajax Calling

AJAX is not a programming language.

AJAX is a technique for accessing web servers from a web page.

AJAX stands for Asynchronous JavaScript And XML.

Q. Modify the content of h1, h2, and h3 tags via JavaScript DOM Manipulation.

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-11</title>
    <style>
      body
      {  align-items: center;   text-align: center;  }
      p
      {  font-size: 20px;   font-weight: 700;  }
    </style>
    <script>
      function domManipulation()
      {
        alert("Modified Content");
        document.getElementsByTagName("h1")[0].innerHTML = "Hye EveryOne";
        document.getElementsByTagName("h2")[0].innerHTML = "I don't Know";
        document.getElementsByTagName("h3")[0].innerHTML = "Gaurdian of galaxy";
      }
    </script>
  </head>
  <body>
    <p>Practical-11</p>
    <h1>Hello World</h1>
    <h2>Who are You</h2>
    <h3>I am groot</h3>
    <button onclick="domManipulation()">Change</button>
  </body>
</html>
```

OUTPUT:

Practical-11

Hye EveryOne

I don't Know

Gaurdian of galaxy

Change

Practical-12

Q. Show the use of alert, confirm and popup boxes in JavaScript.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-12</title>
    <style>
        body {   align-items: center;   text-align: center;   }
    </style>
    <script>
        function ALERT(){   alert("hello world")   }
        function CONFIRM(){    var x;
            if (confirm("Do you want to save changes?") == true) {
            x = "Data saved successfully!";
          } else {
           x = "Save Canceled!";    }
             document.getElementById("msg1").innerHTML = x;n}
         function PROMPT(){    var name = prompt("Enter Your Name:");
           if (name == null || name == "") {
                document.getElementById("msg3").innerHTML = "You did not entert
anything. Please enter your name again";       }
            else    {       document.getElementById("msg3").innerHTML = "You enterted: " +
name;  }   }
    </script>
</head>
<body>
    <h2>Practical-12</h2>
    <p>Example of alert</p>
    <button onclick="ALERT()">ALERT</button>
    <br>
    <p>Example of confirm</p>
    <button onclick="CONFIRM()">CONFIRM</button>
    <p id="msg1"></p>
    <br>
    <p>Example of prompt</p>
    <button onclick="PROMPT()">PROMPT</button>
    <p id="msg3"></p>
</body>
</html>
```

OUTPUT:

Practical-12

Example of alert

ALERT

Example of confirm

CONFIRM

Data saved successfully!

Example of prompt

PROMPT

You enterted: Admin

<h2 style="text-align:center">Practical-13</h2>

Q. Create an element, modify content and style of element, and remove an element using JavaScript DOM manipulation.

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-13</title>
    <style>
      body
      {
         align-items: center;
         text-align: center;
      }
    </style>
    <script>
      function newElement()
      {
         const newEle = document.createElement("p");
      const content = document.createTextNode("New Element Created.....");
      newEle.appendChild(content);

      const element = document.getElementById("d1");
      element.appendChild(newEle);
      }
      function changeContent()
      {
         //Changing the content of element
         document.getElementById("p1").innerHTML = "This is Modified Content";
      }
      function changeStyle()
      {
         // Changing the style of element
         document.getElementById("p1").style.color = "blue";
      }
      function removeEle()
      {
         const rmv =  document.getElementById("p2");
         rmv.remove();
      }
    </script>
  </head>
  <body>
    <h2>Practical-13</h2>

    <div id="d1">
       <p id="p1" style="color: red;">This is Paragraph</p>
       <p id="p2">Hello World.....</p>
       <button onclick="newElement()">For Creating Element</button><br><br>
```

```
<button onclick="changeContent()">For Changing Content</button><br><br>
<button onclick="changeStyle()">For Changing Style</button><br><br>
<button onclick="removeEle()">For Deleting element</button><br><br>
</div>

</body>
</html>
```

OUTPUT:

Practical-13

This is Modified Content

For Creating Element

For Changing Content

For Changing Style

For Deleting element

New Element Created.....

<div align="center">

Practical-14

</div>

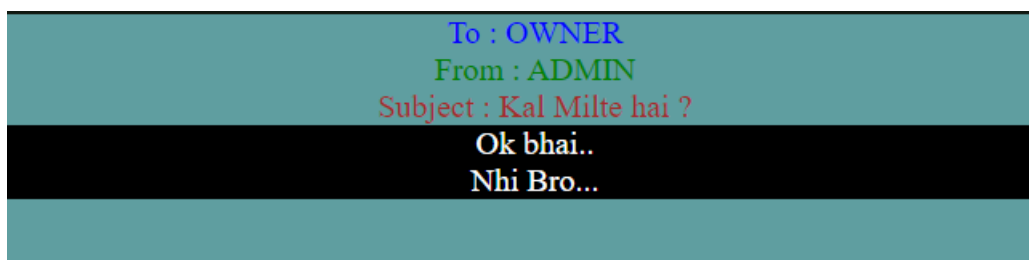**Q. Create an XML and modify its style using CSS.**

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="xml.css"?>
<note>
    <to>To : Mayank</to>
    <from>From : Shreshth</from>
    <heading>Subject : Kal Milte hai ?</heading>
    <body>
        <sucess> Ok  bhai..</sucess>
        <sucess> Nhi Bro...</sucess>
    </body>
</note>
<!--CSS-->
note
{   background-color: cadetblue;  text-align: center;  align-items: center; }
to
{   color: blue; }
from
{  color: green; }
heading
{  color: brown; }
body
{  background-color: black; }
sucess
{  color: white; }
to, from , heading , body , sucess{  display: block; }
```

OUTPUT:

<h1>Practical-15</h1>

Q. Create an HTML form which accepts username, password, and gender of user and perform serverside validation (all fields are filled, username is at least 3 characters long, password contains both numbers and alphabets) using PHP.

```
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Practical-15</title>
      <style>
         body
         {
            align-items: center;
            text-align: center;
         }
      </style>
   </head>
   <body>
      <h2>Practical-15</h2>
      <form action="15.php" method="post">
         Username: <input type="text" name="n"><br><br>
         Password: <input type="text" name="p"><br>Min 8 Char<br><br>
         Gender: <br>Male: <input type="radio" name="g" value="Male"><br>Female:
<input type="radio" name="g" value="Female"><br><br>
         <input type="submit" value="Submit">
      </form>
   </body>
</html>


<!—15.php-->
<?php
$name = $_POST['n'];
$pass = $_POST['p'];
$gender = "";


if(empty($name) || empty($pass) || empty($_POST['g']))
{
   echo "Please Enter all the Details....<br>" ;
}
else
{

   if (!preg_match("/^[a-zA-Z]*$/", $name) || !preg_match("/^[a-zA-Z0-9]*$/", $pass)) {
      echo "Inavlid Formate...<br>";
   } else {
      $len1 = strlen($name);
      $len2 = strlen($pass);
```

```
    if ($len1 < 3 || $len2<8) {
        echo "Invalid Formate...<br>";
    } else {
        echo $name."<br>";
        echo $pass."<br>";
        $gender = $_POST['g'];
        echo $gender;
    }
  }
}

?>
```

OUTPUT:

Practical-15

Username: Admin

Password: 12345678
Min 8 Char

Gender:
Male: ⦿
Female: ○

Submit

Admin
12345678
Male

<h1 style="text-align:center"><u>Practical-16</u></h1>

Q. Create an HTML form which accepts username, password, and hobbies of user and insert this data into database using PHP.

```html
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Practical-16</title>
      <style>
        body
        {
           align-items: center;
           text-align: center;
        }
      </style>
   </head>
   <body>
      <h2>Practical-16</h2>
         <form action="16.php" method="post">
      Name: <input type="text" name="n"><br><br>
      Password: <input type="password" name="p"><br><br>
      Hobbies:<br> Cricket: <input type="checkbox" name="h[]" value="Cricket"><br>
Football: <input type="checkbox" name="h[]" value="Football"><br><br>
      <input type="submit" value="Submit">
    </form>

   </body>
</html>
```

```php
<!—16.php-->
<?php

$conn = mysqli_connect("localhost:3306", "root", "", "test");

if ($conn) {

   $name = $_POST['n'];
   $pass = $_POST['p'];
   $hobby = $_POST['h'];
   $temp = "";

   foreach($hobby as $temp1)
   {
     $temp .=$temp1.",";
   }
   $insert = mysqli_query($conn, "insert into details(Stu_Name,Password,Hobbies)
values('$name','$pass','$temp')");
   echo "Details Submitted.....<br><br>";
```

```
} else {
    echo "error";
}

mysqli_close($conn);

?>
```

OUTPUT:

Practical-16

Name: Saurabh

Password: ••••••••

Hobbies:
Cricket: ☑
Football: ☑

Submit

Stu_Name	Password	Hobbies
Mayank	987654321	Cricket,
Abhyuday	23459876	Football,
Ayush	10203040	Football,
Siddharth	2147483647	Cricket,Football,
Sanjeev	9657834	Football,
Saurabh	36261647	Cricket,Football,

<h2 style="text-align:center;"><u>Practical-17</u></h2>

Q. Display user a button, clicking on which a PHP script is called which fetches all rows from database (each row contains name and age of user) and displays it to user.

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Practical-17</title>
        <style>
            body
            {
                align-items: center;
                text-align: center;
            }
        </style>
    </head>
    <body>
        <h2>Practical-17</h2>

        <button><a href="17.php">Fetch Data From Test Table</a></button>

    </body>
</html>
```

```php
<!—17.php-->
<?php
$conn = mysqli_connect("localhost:3306", "root", "", "test");
if ($conn) {   $res = mysqli_query($conn, "select * from details");
    while ($res1 = mysqli_fetch_assoc($res)) {
        echo $res1['Stu_Name'] ."---" . $res1['Password'] ."---" . $res1['Hobbies'] ."<br><br>"; }
} else {  echo "error"; }
mysqli_close($conn);
?>
```

OUTPUT:

Practical-17

Fetch Data From Test Table

Mayank---987654321---Cricket,

Abhyuday---23459876---Football,

Ayush---10203040---Football,

Siddharth---2147483647---Cricket,Football,

Sanjeev---9657834---Football,

Saurabh---36261647---Cricket,Football,

Practical-18
Q. Show the working of login form via the use of cookies and session in PHP.

```
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <title>Practical-18</title>
      <style>
         body
         {
            align-items: center;
            text-align: center;
         }
      </style>
   </head>
   <body>
      <h2>Practical-18</h2>
            <form action="18.php" method="post">
      Name: <input type="text" name="n"><br><br>
      Password: <input type="password" name="p"><br><br>
      Hobbies:<br> Cricket: <input type="checkbox" name="h[]" value="Cricket"><br> Football:
<input type="checkbox" name="h[]" value="Football"><br><br>
      <input type="submit" value="Submit">
    </form>

   </body>
</html>

<!—18.php-->
<?php

$conn = mysqli_connect("localhost:3306", "root", "", "test");

if ($conn) {

  $name = $_POST['n'];
  $pass = $_POST['p'];
  $hobby = $_POST['h'];
  $temp = "";

  foreach($hobby as $temp1)
  {
    $temp .=$temp1.",";
  }

  setcookie($name,$pass,time() + (24*60*60),"/");

  if(!isset($_COOKIE[$name]) && !isset($_COOKIE[$pass]))
  {
```

```php
        echo "Welcome ". $name ." How are you..??";
    }
    else
    {
    $insert = mysqli_query($conn, "insert into details(Stu_Name,Password,Hobbies)
values('$name','$pass','$temp')");
    $res = mysqli_query($conn, "select * from details");

    while ($res1 = mysqli_fetch_assoc($res)) {
        echo $res1['Stu_Name'] ."---" . $res1['Password'] ."---" . $res1['Hobbies'] ."<br><br>";
    }
}
} else {
    echo "error";
}

mysqli_close($conn);

?>
```
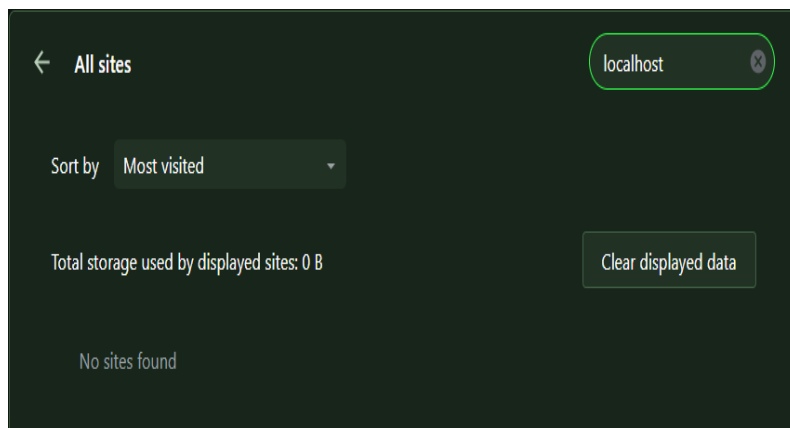
OUTPUT:

Practical-18

Name: Sam

Password: ••••••

Hobbies:
Cricket: ☑
Football: ☐

Submit