



Graphic Era **HILL UNIVERSITY**

Established by an Act of the State Legislature of Uttarakhand (Adhiniyam Sankhya 12 of 2011)
University under section 2(f) of UGC Act, 1956

PRACTICAL FILE

Full Stack Web Lab

CSE 6th SEMESTER

2022-2023

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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)

```
<!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--></frame>
      <frame><!--Relative URL Path--></frame>
    </frameset>

  </body>
</html>
```

OUTPUT:

Practicle-1

This is the Heading



Practical-2

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

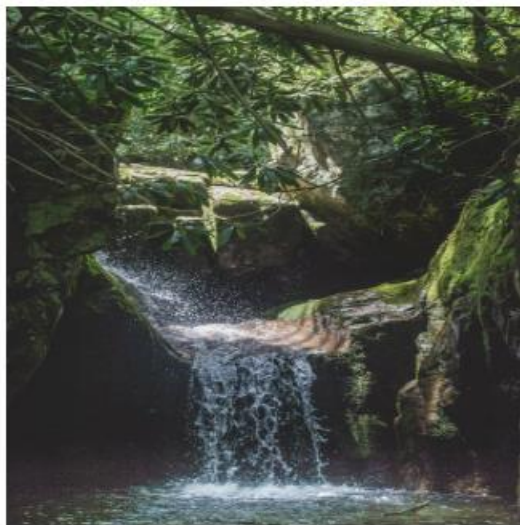
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-2</title>
    <style>
      body
      {
        align-items: center;
        text-align: center;
      }
    </style>
  </head>
  <body>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

OUTPUT:

Practical-2

[Click Me](#)



Practical-3

Q. Create ordered, unordered and description list

```
<!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	999912322	999912488
	999912245		

```
<!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>
```

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

OUTPUT:

Practical-4

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

Practical-5

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.

```
<!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:

Practical-5

Name :

Age :

Gender :

Male ☒

Female ☐

Hobbies :

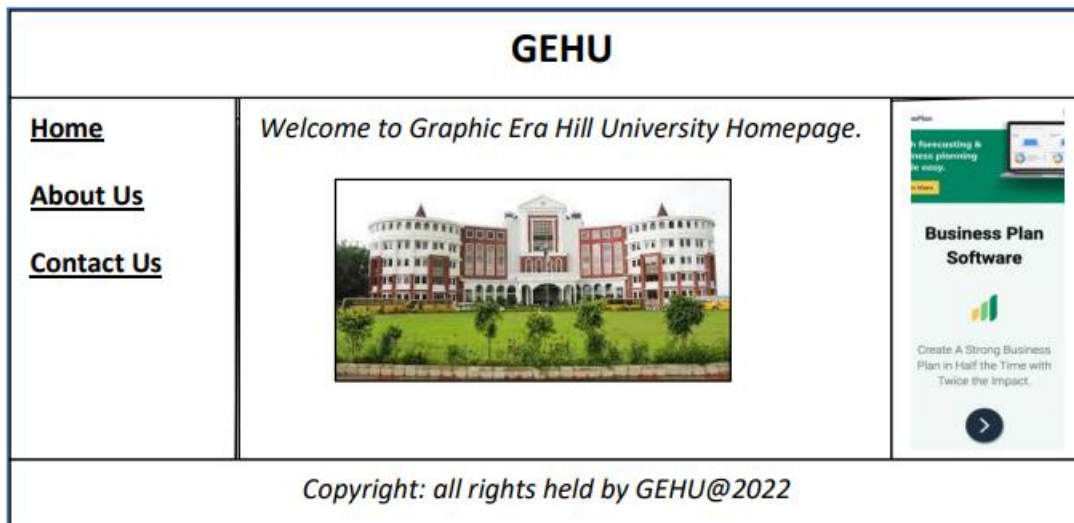
Cricket ☐

Football ☐

Basketball ☐

Practical-6

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 {
```

```

        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>
            </section>
        </header>
    </header>

```

```

</nav>
<article>
  <p>Welcome to Graphic Era Hill University Home-Page</p>
  
</article>
<aside>
  <a href="#"></a>
</aside>
<footer>
  <p>Copyright : all rights held by GEHU@2022</p>
</footer>
</section>
</body>

</html>

```

OUTPUT:

Practical-6		
<u>GEHU</u>		
Home	<p>Welcome to Graphic Era Hill University Home-Page</p> 	<p>The Overflow Blog</p> <ul style="list-style-type: none"> ✓ For those who just don't Git it (Ep. 573) ✓ How to use marketing techniques to build a better resume <p>Featured on Meta</p> <ul style="list-style-type: none"> 🔍 AI/ML Tool examples part 3 - Title-Drafting Assistant 🔍 We are graduating the updated button styling for vote arrows 🔍 Temporary policy: ChatGPT is banned 🔍 The [connect] tag is being burninated 🔍 Stack Overflow will be testing a title-drafting assistant, and we'd like your... 🔍 We are graduating the "Related questions using Machine Learning" experiment
About Us		
Contact Us		
Copyright : all rights held by GEHU@2022		

Practical-7

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

Welcome to frame #1 <i>Click me to go to Google.com!</i>	Welcome to frame #2
	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>
```

```
</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>
```

Practical-8

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



Practical-9

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

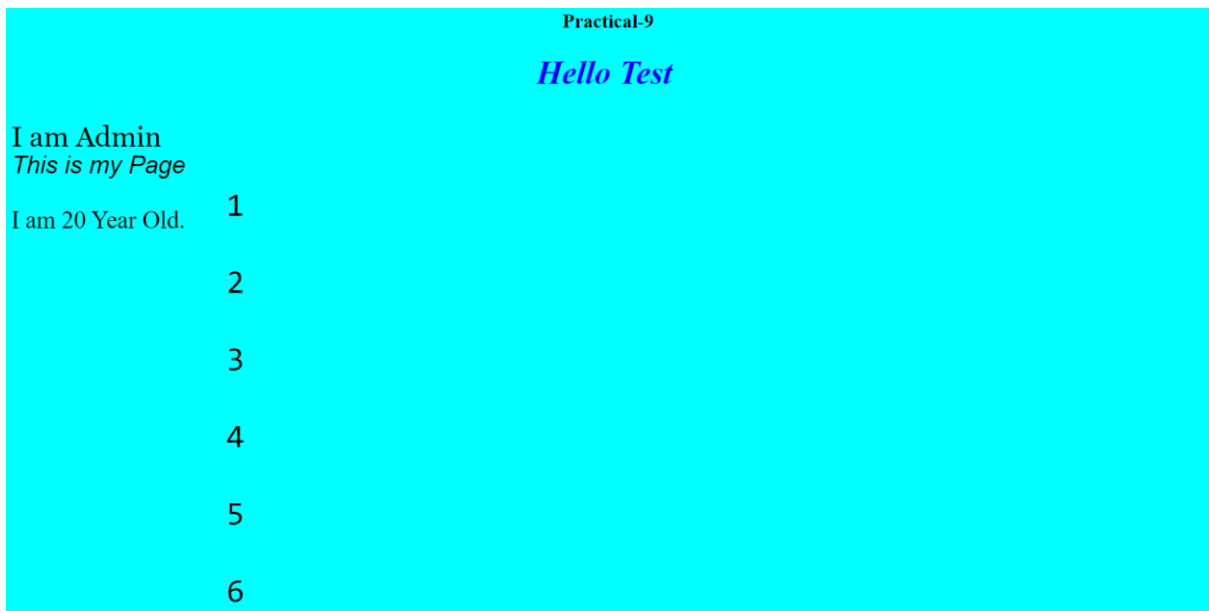
    8

    9
```



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

OUTPUT:



Practical-10

Q. Show the implementation of Ajax call via jQuery.

```
<!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.

Practical-11

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

```
<!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.

```
<!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 enter
anything. Please enter your name again"; }
      else { document.getElementById("msg3").innerHTML = "You entered: " +
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 entered: Admin

Practical-13

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

```
<!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

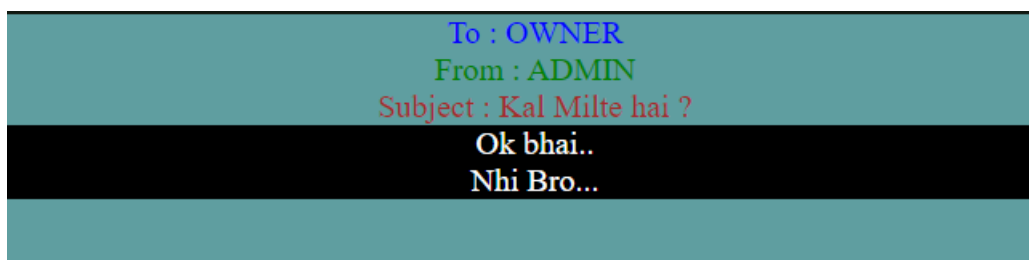
New Element Created.....

Practical-14

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:



Practical-15

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 "Invalid 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:

Password:
Min 8 Char

Gender:
Male: ☒
Female: ☐

```

Admin
12345678
Male

```

Practical-16

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

```
<!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>

<!--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:

Password:

Hobbies:

Cricket: ☒

Football: ☒

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

Practical-17

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.

```
<!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>

<!--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]))
    {
```

```

        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");

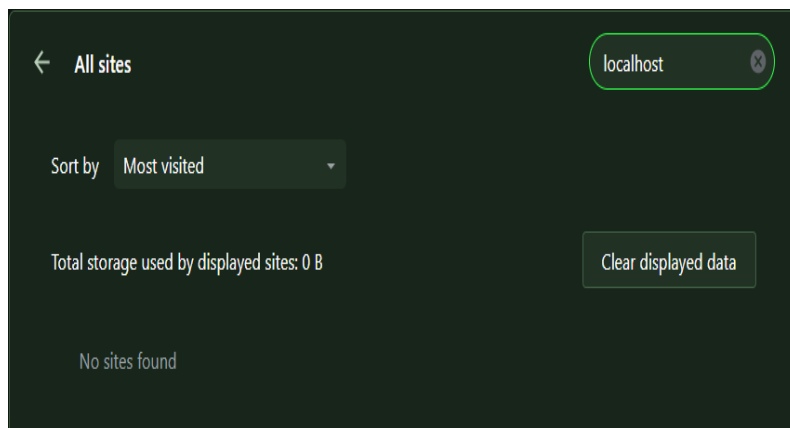
        while ($res1 = mysqli_fetch_assoc($res)) {
            echo $res1['Stu_Name'] ."---" . $res1['Password'] ."---" . $res1['Hobbies'] . "<br><br>";
        }
    }
    } else {
        echo "error";
    }

mysqli_close($conn);

?>

```

OUTPUT:



Practical-18

Name:

Password:

Hobbies:

Cricket: ☒

Football: ☐

