



# 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

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**PRACTICAL FILE**

**Full Stack Web Lab**

**CSE 6<sup>th</sup> SEMESTER**

**2022-2023**

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**UNIVERSITY ID:**

**2118034**

**ROLL NO:**

**03**

**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.**

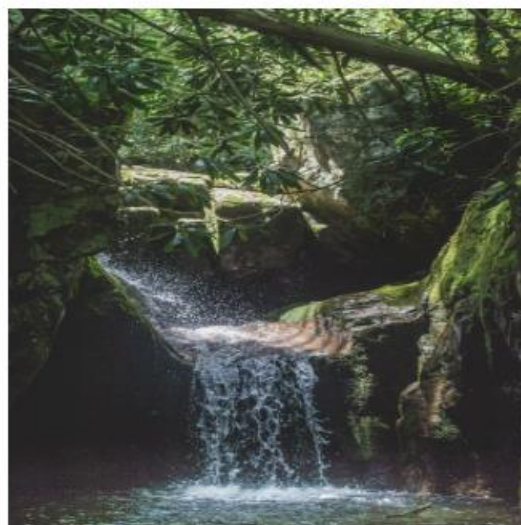
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Practical-2</title>
    <style>
      body
      {
        align-items: center;
        text-align: center;
      }
    </style>
  </head>
  <body>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

<b>Name</b>	Rahul	Riya	Remma
<b>Age</b>	20	21	22
<b>Mobile</b>	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 :

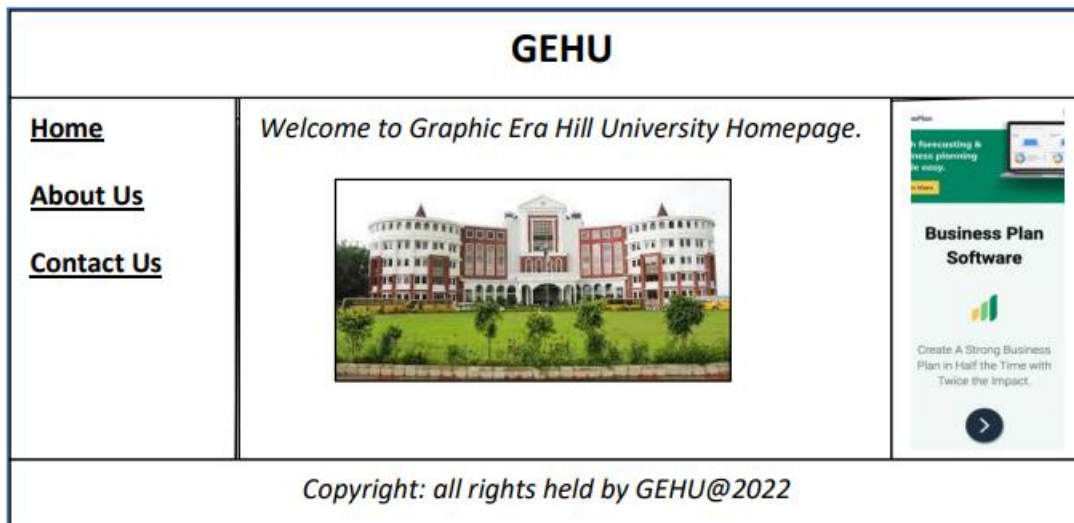
Cricket ☐

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"> <li>✓ For those who just don't Git it (Ep. 573)</li> <li>✓ How to use marketing techniques to build a better resume</li> </ul> <p>Featured on Meta</p> <ul style="list-style-type: none"> <li>🔍 AI/ML Tool examples part 3 - Title-Drafting Assistant</li> <li>🔍 We are graduating the updated button styling for vote arrows</li> <li>🔍 Temporary policy: ChatGPT is banned</li> <li>🔍 The [connect] tag is being burninated</li> <li>🔍 Stack Overflow will be testing a title-drafting assistant, and we'd like your...</li> <li>🔍 We are graduating the "Related questions using Machine Learning" experiment</li> </ul>
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:**

<b>Welcome to frame #1</b>  <i>Click me to go to Google.com!</i>	<b>Welcome to frame #2</b>
	<b>Welcome to frame #3</b>

```
<!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

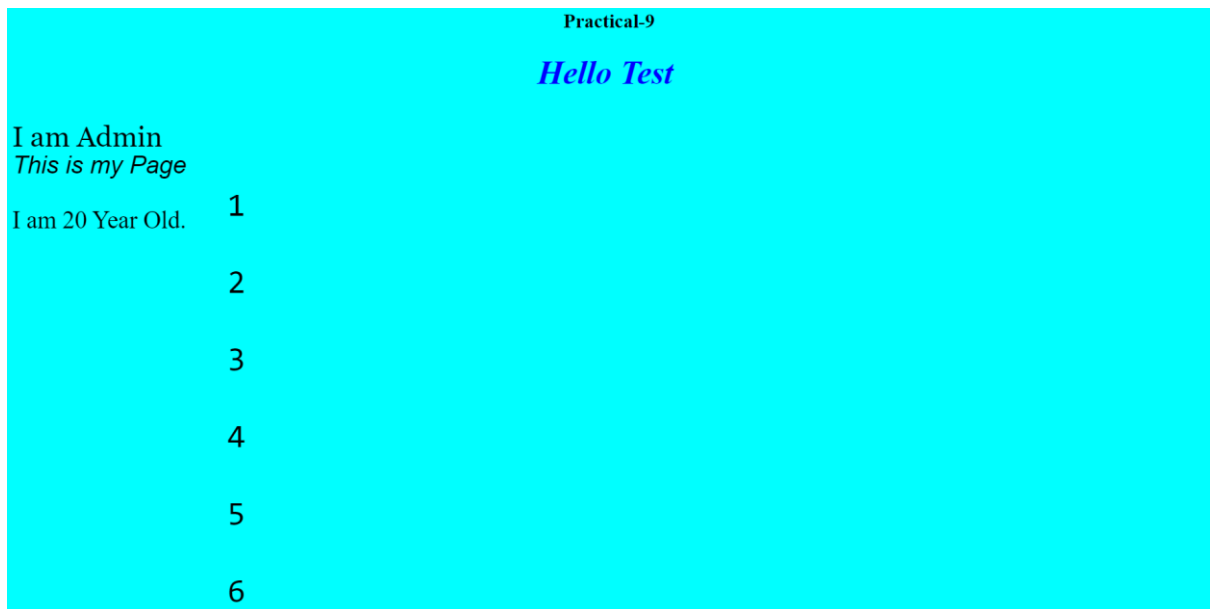
    8

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

```
<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

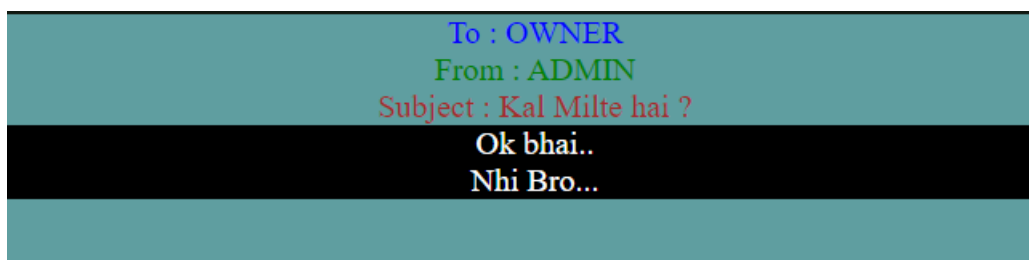
New Element Created.....

### 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:	<input type="text" value="Admin"/>
Password:	<input type="password" value="12345678"/>
	Min 8 Char
Gender:	
Male:	<input checked="" type="radio"/>
Female:	<input type="radio"/>
	<input type="submit" value="Submit"/>

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");

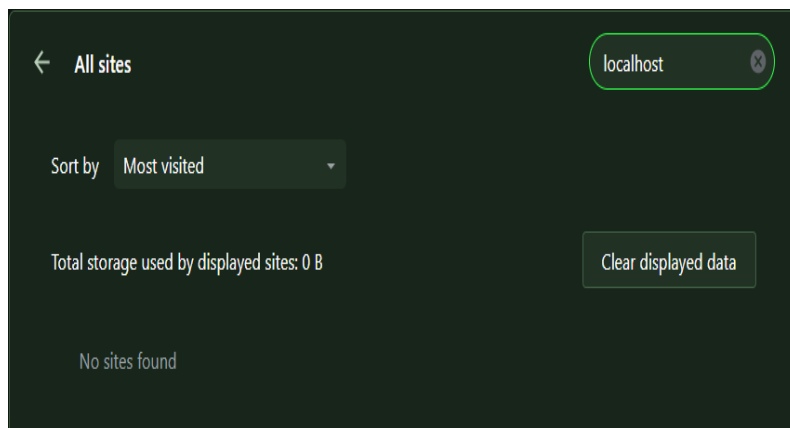
        while ($res1 = mysqli_fetch_assoc($res)) {
            echo $res1['Stu_Name'] ."---" . $res1['Password'] ."---" . $res1['Hobbies'] . "<br><br>";
        }
    }
    } else {
        echo "error";
    }

mysqli_close($conn);

?>

```

### OUTPUT:



## Practical-18

Name:

Password:

Hobbies:

Cricket: ☒

Football: ☐

