LMp1	**Write a JavaScript code to display the message "HELLO ISTAR!".** **(Alert Dialog Box)**
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<title>Program1</title>
<script>
    {
        alert("HELLO ISTAR!")
    }
</script>
</head>
<body>

</body>
</html>
``` |
| | |
| **LMp2** | **Write a JavaScript code to display the message as "Are you sure you want to proceed?" and display message as "Completed Successfully" if press "Ok" button and display message as "You have cancelled it!" if press "Cancel" button.**
 (Confirm Dialog Box) |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script>
if(confirm("Are you sure you want to proceed?")==true)
    {
alert("Completed successfully.");
    }
    else{
alert("you have cancelled it!");
    }
</script>
</head>
<body>

</body>
</html>
``` |
| | |
| **LMp3** | **Get one number as "Age" from user and check whether he/she is eligible for voting or not. (prompt Dialog Box)** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
    //Get one number as "age" from user and check whether he/she is eligible for
voting or not.(prompt dialog box)
``` |

	``html
	<script>
	    var age=parseInt(prompt("Enter your age:"));
	
	    if(age>18){
	document.write("He/She is eligible for voting.");
	    }
	
	    else{
	document.write("He/She is not eligible for voting.")
	    }
	</script>
	</head>
	<body>
	
	</body>
	</html>
	``

LMp4	**Get one number from user and find factorial of it.** **(prompt Dialog Box)**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script>
	    var n=parseInt(prompt("Enter number:"));
	fac=1;
	    for(i=1;i<=n;i++)
	    {
	fac=fac*i;
	    }
	document.write(fac);
	</script>
	</html>
	``

LMp5	**Take a <p id='demo'>ISTAR tag and write a JavaScript code to change the content as "Computer Science Department" in this tag when button is clicked.**

code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script>
	    function show(){
	document.getElementById('demo').innerHTML="Computer Science Department."
	    }
	</script>
	</head>
	<body>
	<p id="demo">ISTAR</p>
	<button onclick="show()">click me</button>
	
	</body>
	</html>
	``

LMp6	Take a two tags <p id="college">ISTAR</p> and <p id="dept">Computer Science Department</p>. Write a JavaScript code to swap these two contents each time when button is clicked.
| Code | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script>
    function msg(){
var a=document.getElementById('college').innerHTML;
var b=document.getElementById('dept').innerHTML;

    var c=a;
    a=b;
    b=c;
document.getElementById('college').innerHTML=a;
document.getElementById('dept').innerHTML=b;
    }
</script>

</head>
<body>
<p id="college">ISTAR</p>
<p id="dept">Computer Science Department</p>
<button onclick="msg()">click me</button>

</body>
</html>
``` |
| | |
| LMp7 | Write a JavaScript code that change the image source when button is clicked. |
| Code | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script lang="javscript">
    function change(){
document.getElementById('img1').src="./image2.jfif";
    }
</script>
</head>
<body>
<imgsrc="./image1.jfif" id="img1"><br>
<button onclick="change()">Click here</button>
</body>
</html>
``` |
| | |
| LMp8 | Take three input boxes id as x, y and answer. Take four buttons for +, -, * and /. Take input for x and y from user and perform the operation according to the button clicked by user. The answer will be shown in the answer TextBox. |
| Code | ```html
<!DOCTYPE html>
<html lang="en">
<head>
``` |

	``
	<script>
	    function add(){
	        var a=parseInt(document.getElementById('x').value);
	        var b=parseInt(document.getElementById('y').value);
	varans=a+b;
	document.getElementById('answer').value=ans;
	    }
	    function sub(){
	        var a=parseInt(document.getElementById('x').value);
	        var b=parseInt(document.getElementById('y').value);
	varans=a-b;
	document.getElementById('answer').value=ans;
	    }
	    function mul(){
	        var a=parseInt(document.getElementById('x').value);
	        var b=parseInt(document.getElementById('y').value);
	varans=a*b;
	document.getElementById('answer').value=ans;
	    }
	
	    function div(){
	        var a=parseInt(document.getElementById('x').value);
	        var b=parseInt(document.getElementById('y').value);
	varans=a/b;
	document.getElementById('answer').value=ans;
	    }
	</script>
	</head>
	<body>
	<input type="text" id="x" placeholder="Enter the value of x">
	
	<input type="text" id="y" placeholder="Enter the value of y">
	
	<input type="text" id="answer" placeholder="get the answer">
	
	<button onclick="add()">Addition</button>
	
	<button onclick="sub()">Substraction</button>
	
	<button onclick="mul()">Multiplication</button>
	
	<button onclick="div()">Division</button>
	</body>
	</html>```

LMp9	**Take one input Box for reading number as x. Take radio buttons for below operations.**
	    1. **Check number is Positive or Negative.**
	    2. **Check number is Even or Odd.**
	    3. **Check number is prime or not.**
	    4. **Find the Factorial of the number.**

	5. **Find the square of the number.**
	6. **Find the power of the number.**
	7. **Find the sum of all odd numbers between 1 to x.**
	8. **Find the sum of all even numbers between 1 to x.**
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script>
    function pos(){
        var x=parseInt(document.getElementById('x').value);
        if(x>0){
            alert('Positive');
        }
        else{
            alert('negative');
        }
    }
    function odd(){
        var x=parseInt(document.getElementById('x').value);
        if(x%2==0){
            alert('even');
        }
        else{
            alert('odd');
        }
    }

    function pri(){
        var x=parseInt(document.getElementById('x').value);
        if(x<=1){
alert('This is not valid Number.');
        }
        for(var i=2; i<x ; i++){
            if(x%i==0){
alert('It is not Prime Number.');
            }
            else{
alert('It is Prime Number.');
            }
        }
    }

    function fac(){
        var x=parseInt(document.getElementById('x').value);
varfac=1;
        for(var i=1 ; i<=x ; i++){
fac=fac*i;
        }
        alert(fac);
    }
``` |

```
        function square(){
            var x=parseInt(document.getElementById('x').value);
varsqu=x**2;
            alert(squ);
        }

        function pow(){
            var x=parseInt(document.getElementById('x').value);
            var y=parseInt(prompt("Enter the power:"));
            var power=x**y;
            alert(power);
        }

        function sum(){
            var x=parseInt(document.getElementById('x').value);
            var add=0;
            for(var i=1 ; i<=x ; i++){
                if(i%2 != 0){
                    add=add+i;
                }
            }
            alert(add);
        }

        function esum(){
            var x=parseInt(document.getElementById('x').value);
            var add=0;
            for(var i=1 ; i<=x ; i++){
                if(i%2 == 0){
                    add=add+i;
                }
            }
            alert(add);
        }
</script>
</head>
<body>
<input type="text" id="x" placeholder="Enter x"><br><br>
<input type="radio" onclick="pos()">Positive or Negative. <br><br>
<input type="radio" onclick="odd()">Odd or Even. <br><br>
<input type="radio" onclick="pri()">Prime Number. <br><br>
<input type="radio" onclick="fac()">Factorial Number. <br><br>
<input type="radio" onclick="square()">Square <br><br>
<input type="radio" onclick="pow()">Power of the Number. <br><br>
<input type="radio" onclick="sum()">Sum of odd Number. <br><br>
<input type="radio" onclick="esum()">Sum of even Number. <br><br>


</body>
</html>
```

LMp10	Create one division and two button for hide and show. Write a JavaScript code to show and hide this division (<div id="demo">).

Code	<pre><!DOCTYPE html>
	<html lang="en">
	<head>
	<script>
	    function hide(){
	        document.getElementById('demo').hidden=true;
	    }
	
	    function show(){
	        document.getElementById('demo').hidden=false;
	    }
	</script>
	</head>
	<body>
	<div id="demo">
	    My name is Sanobar.
	</div>
	<button onclick="hide()">Hide</button>
	<button onclick="show()">Show</button>
	</body>
	</html></pre>

LMp11	Read 2 string and print which string is longer

Code	<pre><!DOCTYPE html>
	<html lang="en">
	<head>
	<script>
	    str1=prompt("Enter First String:");
	    str2=prompt("Enter Second String:");
	
	    if(str1.length>str2.length){
	document.write(str1,"is larger than",str2);
	    }
	    else if(str2.length>str1.length){
	document.write(str2,"is larger than",str1);
	    }
	    else{
	document.write("Both are equal.");
	    }
	</script>
	</head>
	<body>
	
	</body>
	</html></pre>

LMp12	Read a character and check whether its vowel or not.

Code	<pre><!DOCTYPE html>
	<html lang="en"></pre>

	``html
	<head>
	<script>
	    var a=prompt("Enter the character:");
	    switch(a){
	    case 'a':
	      alert("This is vowel.");
	      break;
	
	    case 'e':
	      alert("This is vowel.");
	      break;
	
	    case 'i':
	      alert("This is vowel.");
	      break;
	
	    case 'o':
	      alert("This is vowel.");
	      break;
	
	    case 'u':
	      alert("This is vowel.");
	      break;
	
	    default:
	      alert("This is consonant.");
	      break;
	    }
	
	</script>
	</head>
	<body>
	
	</body>
	</html>
	``

LMp13	**Create the following form and perform the following validations. If there is anything wrong with either of the inputs then generates an error message.** **User Name:**[ ] **Password:** [ ]

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Form Validation</title>
	<style>
	    body {
	      font-family: Arial, sans-serif;
	      margin: 20px;
	``

```
        }
        .error {
            color: red;
        }
</style>
</head>
<body>
<h2>Sign Up Form</h2>
<form id="signupForm">
<label for="username">Username:</label>
<input type="text" id="username" name="username" required>
<br><br>
<label for="password">Password:</label>
<input type="password" id="password" name="password" required>
<br><br>
<button type="submit" onclick="abc()">Login</button>
<p class="error" id="error"></p>
</form>

<script>

        function abc(){
event.preventDefault();
var username = document.getElementById('username').value;
var password = document.getElementById('password').value;
var error1 = '';


        if (!username || !password) {
            error1 = 'Both fields are compulsory and should not contain blank
spaces.';
        }

        else if (!/^[a-zA-Z]+$/.test(username)) {
            error1 = 'Username must contain only characters.';
        }
        else if (!/^[a-zA-Z]/.test(password)) {
            error1 = 'Password must begin with an alphabet.';
        }

        else if (password.length< 8 || password.length> 16) {
            error1 = 'Password must be between 8 and 16 characters long.';
        }


var error2 = document.getElementById('error');
        if (error1) {
            error2.textContent = error1;
        } else {
            error2.textContent = '';
alert('Form submitted successfully!');
```

| | ```
    }
  }
</script>
</body>
</html>
``` |
| | |
| **LMp14** | **Crate a form for mark sheet. It has four textbox for java , python, web and OS. Find out the total, percentage and class after user entered value in it.** |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<script>
    function std()
    {
       var a=parseInt(document.getElementById("java").value);
       var b=parseInt(document.getElementById("web").value);
       var c=parseInt(document.getElementById("python").value);
       var d=parseInt(document.getElementById("OS").value);
       var total=a+b+c+d;
       var per=total/4;
       //alert(total);
       document.getElementById("tot").value=total;
       document.getElementById("per").value=per;

       if(per>=80)
       {
document.getElementById("gra").value="A Grade";
       }
       else if(per<80 && per>=60)
       {
document.getElementById("gra").value="B Grade";
       }
       else if(per<60 && per>=40)
       {
document.getElementById("gra").value="C Grade";
       }
       else
       {
document.getElementById("gra").value="Fail";
       }

    }
</script>

</head>
<body>
<input type="text" id="java" placeholder="Enter Java marks"><br><br>
<input type="text" id="web" placeholder="Enter Web marks"><br><br>
<input type="text" id="python" placeholder="Enter Python marks"><br><br>
<input type="text" id="OS" placeholder="Enter OS marks"><br><br>
``` |

	``html
	<input type="text" id="tot" placeholder="Total marks">
	
	<input type="text" id="per" placeholder="Percentage">
	
	<input type="text" id="gra" placeholder="Class">
	
	<button type="submit" onclick="std()">Click the button</button>
	</body>
	</html>
	``

	JQUERY
LMp15	**Take an array of 5 element. Store the value in it and display these elements in ascending order and descending order.**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script>
	    var a=[];
	    var temp=0;
	    for(i=0 ; i<5 ; i++){
	       a[i]=parseInt(prompt("Enter number:"+(i+1)));
	    }
	
	document.writeln("Ascending Order: ");
	    for(var i=0 ; i<5 ; i++){
	       for(var j=i+1 ; j<5 ; j++){
	          if (a[i]>a[j]){
	             temp=a[i];
	             a[i]=a[j];
	             a[j]=temp;
	          }
	       }
	document.writeln(a[i] +" ");
	    }
	document.writeln("
	Descending Order: ");
	    for(var i=0 ; i<5 ; i++){
	       for(var j=i+1 ; j<5 ; j++){
	          if (a[i]<a[j]){
	             temp=a[i];
	             a[i]=a[j];
	             a[j]=temp;
	          }
	       }
	document.write(a[i] +" ");
	    }
	</script>
	</head>
	<body>
	
	</body>
	</html>
	``

	JQUERY

LMp1	**Alert the appropriate message when document is fully loaded and in ready state.**

Code	```<!DOCTYPE html>```
	```<html lang="en">```
	```<head>```
	```<script src="C:\Users\admin\Desktop\Jquery.js"></script>```
	```<script>```
	``` $(document).ready(function(){```
	```alert("Document is fully loaded.");```
	``` });```
	```</script>```
	```</head>```
	```<body>```
	
	```</body>```
	```</html>```

LMp2	**Hide all <p> tag on button click**

Code	```<!DOCTYPE html>```
	```<html lang="en">```
	```<head>```
	```<script src="C:\Users\admin\Desktop\Jquery.js"></script>```
	```<script>```
	``` $(document).ready(function(){```
	``` $("button").click(function(){```
	``` $("p").hide();```
	``` });```
	``` });```
	```</script>```
	```</head>```
	```<body>```
	``` Hello! ```
	``` Good Morning!!! ```
	```<button>Click</button>```
	```</body>```
	```</html>```

LMp3	**Hide all <p> tag on button click with slow speed.**

Code	```<!DOCTYPE html>```
	```<html lang="en">```
	```<head>```
	```<script src="C:\Users\admin\Desktop\Jquery.js"></script>```
	```<script>```
	``` $(document).ready(function(){```
	``` $("button").click(function(){```
	``` $("p").hide("slow");```
	``` });```
	``` });```
	```</script>```
	```</head>```
	```<body>```
	``` Hello! ```

	Good Morning!!! <button>Click</button> </body> </html>
LMp4	**Hide all tag whose id is "panel" on button click.**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){
	        $("#panel").hide();
	      });
	    });
	</script>
	</head>
	<body>
	<h2 id="panel">Hello!</h2>
	<p>Good Morning!!!</p>
	<p>ISTAR</p>
	<button>Click</button>
	</body>
	</html>
	``

LMp5	**Hide all the tag whose id is "selected" when document is loaded (Take different tab with same id like h2,h3,p, etc.)**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){
	        $("#selected").hide();
	      });
	    });
	</script>
	</head>
	<body>
	<h2 id="selected">Hello!</h2>
	<h4 id="selected"><i>Good Morning!!!</i></h4>
	<p id="selected">ISTAR</p>
	<button>Click</button>
	</body>
	</html>
	``

LMp6	**Hide all the tag whose class is "selected" when document is loaded (Take different tab with same id like h2,h3,p, etc.)**

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

| | ```html
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("button").click(function(){
        $(".selected").hide();
      });
    });
</script>
</head>
<body>
<h2 class="selected">Hello!</h2>
<h4 class="selected"><i>Good Morning!!!</i></h4>
<p>ISTAR</p>
<button>Click</button>
</body>
</html>
``` |
| | |
| **LMp7** | **Hide and show one division when click on two different button as Hide and Show.** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("#1").click(function(){
        $("div").hide();
      });
      $("#2").click(function(){
        $("div").show();
      });
    });
</script>
</head>
<body>
<div><h2>ISTAR</h2></div>
<button id="1">Hide</button>
<button id="2">Show</button>
</body>
</html>
``` |
| | |
| **LMp8** | **Hide and Show one division when click on single button.** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("button").click(function(){
        $("div").toggle();
``` |

| | ```
});
});
</script>
</head>
<body>
<div><h2>ISTAR</h2></div>
<button>Hide and Show</button>
</body>
</html>
``` |
|---|---|
| | |
| **LMp9** | **Take three divisions for "Javascript" , "jQuery" and " PHP" . Take three buttons for the hide and show these three divisions.** |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("#1").click(function(){
        $("#jvs").toggle();
      });

      $("#2").click(function(){
        $("#j").toggle();
      });

      $("#3").click(function(){
        $("#p").toggle();
      });
    });
</script>
<style>
    #jvs{
      height: 30px;
      width: 100px;
      text-align: center;
      background-color: bisque;
    }

    #j{
      height: 30px;
      width: 100px;
      text-align: center;
background-color: hsl(176, 95%, 54%);
    }
    #p{
      height: 30px;
      width: 100px;
      text-align: center;
      background-color: rgb(200, 124, 247);
    }
``` |

| | ```html
</style>
</head>
<body>
<div id="jvs"><h3>JavaScript</h3></div><br>
<div id="j"><h3>jQuery</h3></div><br>
<div id="p"><h3>PHP</h3></div><br>
<button id="1">JavaScript</button>
<button id="2">jQuery</button>
<button id="3">PHP</button>
</body>
</html>
``` |
| | |
| **LMp1** | **Demonstrate fadeIn, fadeOut, fadeToggle, and fadeTo effect in one program with different buttons.** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
       $("#1").click(function(){
          $("div").fadeIn(2000);
       });

       $("#2").click(function(){
          $("div").fadeOut(2000);
       });

       $("#3").click(function(){
          $("div").fadeToggle(2000);
       });

       $("#4").click(function(){
          $("div").fadeTo("slow",0.10);
       });
    });
</script>

<style>
    div{
     background-color: aquamarine;
     width: 100px;
     height: 100px;
     }
</style>
</head>
<body>
<div></div><br>
<button id="1">fadeIn</button>
<button id="2">fadeOut</button>
<button id="3">fadeToggle</button>
``` |

	`<button id="4">fadeTo</button>`
	`</body>`
	`</html>`

LMp11	**Demonstrate slideUp, slideDown, slideToggle effect in one program with different buttons.**

Code	<pre><!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("#1").click(function(){
	        $("div").slideUp("slow");
	      });
	
	      $("#2").click(function(){
	        $("div").slideDown("slow");
	      });
	
	      $("#3").click(function(){
	        $("div").slideToggle("slow");
	      });
	    });
	</script>
	
	<style>
	    div{
	      background-color: rgb(107, 83, 244);
	      width: 100px;
	      height: 100px;
	      border-radius: 30px;
	      }
	</style>
	</head>
	<body>
	<div></div>
	<button id="1">slideUp</button>
	<button id="2">slideDown</button>
	<button id="3">slideToggle</button>
	</body>
	</html></pre>

LMp12	**Change the text of `<p>` tag whose id is "msg" when document is loaded.**

Code	<pre><!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){</pre>

	``
	        $("#msg").text("HELLO!!");
	      });
	    });
	</script>
	</head>
	<body>
	<p id="msg">ISTAR</p>
	<button>Click to change text.</button>
	</body>
	</html>
	``

LMp13	**Change the text of <p> tag whose class is "msg" when document is loaded.**

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){
	        $(".msg").text("How are you?");
	      });
	    });
	</script>
	</head>
	<body>
	<p>ISTAR</p>
	<h3 class="msg">Good Morning!</h3>
	<button>Click to change text.</button>
	</body>
	</html>
	``

LMp1	**Change the text of <p> tag when button is clicked.**

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){
	        $("p").text("Hello!");
	      });
	    });
	</script>
	</head>
	<body>
	 Good Morning!
	 ISTAR
	 How are you?
	<button>Click to change text.</button>
	</body>
	</html>
	``

LMp1	**Swap the value of two <p> tags when button is clicked.**
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("button").click(function(){
var a=$("#1").text();
var b=$("#2").text();
var c=a;
        a=b;
        b=c;
        $("#1").text(a);
        $("#2").text(b);
      });
    });
</script>
</head>
<body>
<p id="1">Paris</p>
<p id="2">India</p>
<button>Click to swap the value.</button>
</body>
</html>
``` |
| | |
| **LMp16** | **Set any value in input box when document is loaded.** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("button").click(function(){
       $("#test").val("SanobarVhora");
      });
    });
</script>
</head>
<body>
<p><input type="text" id="test" value=""></p>
<button>Show value.</button>
</body>
</html>
``` |
| | |
| **LMp17** | **Set any value in input box when user got focus on it (focus()).** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
``` |

	``html
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("input").focus(function(){
	        $(this).css('background-color',"aquamarine");
	      });
	    });
	</script>
	</head>
	<body>
	  Name: <input type="text" name="1">
	
	  Field: <input type="text" name="1">
	
	</html>
	``

LMp18	**Take value from the user in input box and display it in the <p> tag when text box lost the focus (blur()).**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("input").blur(function(){
	var a=document.getElementById('1').value;
	        $("p").text(a);
	      });
	    });
	</script>
	</head>
	<body>
	
	  Name: <input type="text" id="1">
	
	</html>
	``

LMp19	**Demostrate the function of three buttons for three different selectors (like element, id, class). First button is for hide elements , second is for hide ids, and third is for hide class.**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("#b1").click(function(){
	        $("p").hide();
	      });
	
	      $("#b2").click(function(){
	        $("#1").hide();
	      });
	``

```
        $("#b3").click(function(){
            $(".2").hide();
        });
    });
</script>
</head>
<body>
<p>Hide elements.</p>
<p id="1">Hide ids</p>
<p class="2">Hide class</p>
<button id="b1">Click for Hide elements.</button>
<button id="b2">Click for Hide ids</button>
<button id="b3">Click for Hide class</button>
</html>
```

LMp20	**Take any element as a value in input box and hide all that elements when user clicked.**
Code	```<!DOCTYPE html><html lang="en"><head><script src="C:\Users\admin\Desktop\Jquery.js"></script><script> $(document).ready(function(){ $("button").click(function(){var a=$("#1").val(); $(a).hide(); }); });</script></head><body> h1 tag P tag. <input type="text" id="1" value=""><button>Hide elements</button></html>```

LMp21	**Take color as a value from user in input box and change background color when user clicked the button.**
Code	```<!DOCTYPE html><html lang="en"><head><script src="C:\Users\admin\Desktop\Jquery.js"></script><script> $(document).ready(function(){ $("button").click(function(){var c=$("#t1").val(); $("body").attr("bgcolor",c); }); });```

	``` </script> </head> <body> Enter color:<input type="text" id="t1" value=""> <button>Click for change the background</button> </html>```
LMp2	**Change the background color as per selection of radio button among four radio button as red , blue , green and none(white).**

Code	```<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	     $(document).ready(function(){
	       $("#r1").click(function(){
	         $("body").attr("bgcolor","red");
	       });
	
	       $("#r2").click(function(){
	         $("body").attr("bgcolor","blue");
	       });
	
	       $("#r3").click(function(){
	         $("body").attr("bgcolor","green");
	       });
	
	       $("#r4").click(function(){
	         $("body").attr("bgcolor","white");
	       });
	     });
	</script>
	</head>
	<body>
	   Red:<input type="radio" id="r1" value="Red" name="1">
	   Blue:<input type="radio" id="r2" value="Blue" name="1">
	   Green:<input type="radio" id="r3" value="Green" name="1">
	   None:<input type="radio" id="r4" value="White" name="1">
	</html>```

LMp23	**Change the color of division when mouse enter and mouse leave.**

Code	```<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	     $(document).ready(function(){
	       $("div").mouseenter(function(){
	         $("div").css({"background-color":"brown"});
	       });```

| | ```
$("div").mouseleave(function(){
    $("div").css({"background-color":"rgb(238, 164, 74)"});
});
});
</script>
</head>
<body>
<div style="background-color: rgb(238, 164, 74); width: 100px; height: 80px;"></div>
</html>
``` |
| | |
| **LMp2** | **Create navigation bar using mouse enter and mouse leave.** |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Navigation Bar with Mouse Events</title>
  <style>
    body {
      margin: 0;
      font-family: Arial, sans-serif;
    }

    .navbar {
      display: flex;
      justify-content: space-around;
      align-items: center;
      background-color: #333;
      padding: 10px 20px;
      position: sticky;
      top: 0;
      z-index: 1000;
    }

    .navbar a {
      color: white;
      text-decoration: none;
      padding: 10px 20px;
      transition: background-color 0.3s ease, color 0.3s ease;
    }

    .navbar a:hover {
      color: #333;
    }

    .hover-effect {
      background-color: #555;
    }
  </style>
</head>
``` |

<table>
<tr><td></td><td>

```
<body>
  <div class="navbar" id="navbar">
    <a href="#home">Home</a>
    <a href="#about">About</a>
    <a href="#services">Services</a>
    <a href="#contact">Contact</a>
  </div>

  <script>
    const navbar = document.getElementById('navbar');
    const links = navbar.querySelectorAll('a');

    links.forEach(link => {
      link.addEventListener('mouseenter', () => {
        link.classList.add('hover-effect');
      });

      link.addEventListener('mouseleave', () => {
        link.classList.remove('hover-effect');
      });
    });
  </script>
</body>
</html>
```

</td></tr>
<tr><td></td><td></td></tr>
<tr><td>LMp2</td><td>**Change the css class when mouse enter and mouse leave on specific element.**</td></tr>
<tr><td>Code</td><td>

```
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\admin\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("div").mouseenter(function(){
        $("div").removeClass("d1");
        $("div").addClass("d2");
        });

      $("div").mouseleave(function(){
        $("div").removeClass("d2");
        $("div").addClass("d1");
        });
    });
</script>
<style>
    .d1{
      background-color: aqua;
    }

    .d2{
      background-color: bisque;
    }
```

</td></tr>
</table>

	div{
	    height: 80px;
	    text-align: center;
	  }
	</style>
	</head>
	<body>
	 Hello!!
	</html>

LMp2	**The border of div should be hide and show on same button clicked.**

Code	<!DOCTYPE html>
	<html lang="en">
	<head>
	<script src="C:\Users\admin\Desktop\Jquery.js"></script>
	<script>
	    $(document).ready(function(){
	      $("button").click(function(){
	        $("div").toggleClass("d1");
	      });
	    });
	</script>
	
	<style>
	  div{
	    height: 100px;
	    width: 100px;
	    border-radius: 20px;
	    background-color: burlywood;
	    border: 5px solid black;
	  }
	
	  .d1{
	    border: none;
	  }
	</style>
	</head>
	<body>
	<center> </center>
	
	<center><button>click me</button></center>
	</body>
	</html>

LMp27	**Create your animation for header of your web page with different effects and events.**
Code	<!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Header Animation</title>

```
<style>
  body {
    margin: 0;
    font-family: Arial, sans-serif;
    overflow: hidden;
  }

  header {
    position: relative;
    height: 100vh;
    background: linear-gradient(135deg, #6a11cb, #2575fc);
    display: flex;
    justify-content: center;
    align-items: center;
    color: white;
    text-align: center;
  }

  header h1 {
    font-size: 3.5rem;
    text-transform: uppercase;
    animation: slideIn 2s ease-in-out;
    cursor: pointer;
  }

  header p {
    font-size: 1.5rem;
    margin-top: 20px;
    opacity: 0;
    animation: fadeIn 2s 1s ease-in forwards;
  }

  @keyframes slideIn {
    from {
      transform: translateY(-100px);
      opacity: 0;
    }
    to {
      transform: translateY(0);
      opacity: 1;
    }
  }

  @keyframes fadeIn {
    from {
      opacity: 0;
    }
    to {
      opacity: 1;
    }
  }
```

```css
    .hover-effect {
      text-shadow: 0 0 10px #ffffff, 0 0 20px #ffffff;
    }

    .bubbles {
      position: absolute;
      width: 100%;
      height: 100%;
      overflow: hidden;
      top: 0;
      left: 0;
    }

    .bubble {
      position: absolute;
      bottom: -100px;
      width: 20px;
      height: 20px;
      background: rgba(255, 255, 255, 0.5);
      border-radius: 50%;
      animation: rise 10s infinite;
    }

    @keyframes rise {
      from {
        transform: translateY(0) scale(0.5);
        opacity: 0.5;
      }
      to {
        transform: translateY(-1500px) scale(1);
        opacity: 0;
      }
    }
  </style>
</head>
<body>
  <header>
    <h1 id="headerText">Welcome to My Site</h1>
    <p>Discover Amazing Content</p>
    <div class="bubbles" id="bubbleContainer"></div>
  </header>

  <script>
    const headerText = document.getElementById('headerText');
    const bubbleContainer = document.getElementById('bubbleContainer');

    headerText.addEventListener('mouseenter', () => {
      headerText.classList.add('hover-effect');
    });
```

```
            headerText.addEventListener('mouseleave', () => {
                headerText.classList.remove('hover-effect');
            });

            function createBubbles() {
                for (let i = 0; i < 50; i++) {
                    const bubble = document.createElement('div');
                    const size = Math.random() * 50 + 10;
                    const left = Math.random() * 100;
                    const duration = Math.random() * 5 + 5;
                    const delay = Math.random() * 5;

                    bubble.classList.add('bubble');
                    bubble.style.width = `${size}px`;
                    bubble.style.height = `${size}px`;
                    bubble.style.left = `${left}%`;
                    bubble.style.animationDuration = `${duration}s`;
                    bubble.style.animationDelay = `${delay}s`;

                    bubbleContainer.appendChild(bubble);
                }
            }

            createBubbles();
        </script>
    </body>
</html>
```

LMp28	Write a jQuery code for blink the text. **$(document).ready(function(){** **Function blink text(){** **$('.blink').fadeOut(500);** **$('.blink').fadeIn(500);** **}** **SetInterval(blink_text, 1000);** **});**
| Code | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\ADMIN\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
    function blink_text(){
        $(".blink").fadeOut(500);
        $(".blink").fadeIn(500);
        }
setInterval(blink_text, 1000);
    });
</script>
</head>
``` |

	`<body>`
	`<p class="blink">Hello World!!</p>`
	`</body>`
	`</html>`

LMp29	**Write features of jQuery with different paragraph. Highlight the specific paragraph when mouse enter on it.**
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<script src="C:\Users\ADMIN\Desktop\Jquery.js"></script>
<script>
    $(document).ready(function(){
      $("p").mouseenter(function(){
         $(this).css({"background-color":"lavender"});
      });

      $("p").mouseleave(function(){
         $(this).css({"background-color":"white"});
      });
    });
</script>
<style>
    b{
color: darkblue;
    }
</style>
</head>
<body>
<h2><b><u>JQUERY FEATURES:</u></b></h2>
<p><b>Simple and easy:</b> It have predefined method using you can perform any task easily compare to JavaScript.
     And it is easy to learn.</p>
<p><b>Lightweight:</b> It is very lightweight library - about 19KB in size ( Minified and gzipped ).</p>
<p><b>CSS manipulation:</b> It have predefined css() method for manipulate style for any Html elements.</p>
<p><b>Html manipulation:</b> The jQuery made it easy to select DOM elements, traverse them and modifying their content.</p>
<p><b>Cross browser support:</b> It support all modern web-browser including IE-6.</p>
<p><b>Event handling:</b> It support event handling like click mouse button.</p>
<p><b>JavaScript Library:</b> It is JavaScript library.</p>
<p><b>Ajax Support:</b> It support ajax, you can develop a responsive and feature-rich site using AJAX technology.</p>
<p><b>Built-in Animation:</b> It have predefined method "animate()" for create custom animation on web-page.</p>
</body>
</html>
``` |
| | <div align="center">**PHP**</div> |

LMp1	**Write a php program to display "hello world".**
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<?php
echo "Hello World!"
    ?>
</body>
</html>
``` |
| | |
| LMp2 | **Define one variable for each integer, string , float , boolean, null and show the type of variable** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<?php
    $a = 5;
    $b = 5.5;
    $c = "Sanobar";
    $d = true;
    $e = null;

    var_dump($a);
    echo "<br>";
    var_dump($b);
    echo "<br>";
    var_dump($c);
    echo "<br>";
    var_dump($d);
    echo "<br>";
    var_dump($e);
    ?>
</body>
</html>
``` |
| | |
| LMp3 | **Show the use of different arithmetic operators using variable.** |
| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
``` |

	`<title>Document</title>` `</head>` `<body>` `<?php` `$a = 10;` `$b = 2;` `echo "Addition of $a and $b is: ".($a+$b);` `echo " ";` `echo "Substraction of $a and $b is: ".($a-$b);` `echo " ";` `echo "Multiplication of $a and $b is: ".($a*$b);` `echo " ";` `echo "Division of $a and $b is: ".($a/$b);` `echo " ";` `echo "Modulo of $a and $b is: ".($a%$b);` `?>` `</body>` `</html>`

LMp4	**Take one string variable and store the value as "Institution of science & technology for Advance Studies &Research - ISTAR" and perform the following operation.**
	  - **Convert it in to upper case.**
	  - **Convert it in to lower case.**
	  - **Find out the length of the string.**
	  - **Find out the total number words in the string.**
	  - **Find out the position of & in the above string.**
	  - **Take another variable with values as "V.V. Nagar" and concatenate it with first variable and store it in variable "$inst_name".**
	  - **Replace the VallabhVidhyanagar in place of V.V.Nagar in the $inst_name.**
	  - **Reverse the string.**
	  - **Convert it into an array and display the array elements.**
	  - **Extract the "ISTAR" from the $inst_name.**
	  - **Replace the ISTAR with 'ISTAR' (with single quote in the string).**

Code	`<!DOCTYPE html>` `<html lang="en">` `<head>` `<meta charset="UTF-8">` `<meta name="viewport" content="width=device-width, initial-scale=1.0">` `<title>Document</title>` `</head>` `<body>` `<?php` `$name="Institue of Science & Technology for Advance Research Studies ISTAR";` `$city=" V.V.Nagar";` `echo"Uppercase:-".strtoupper($name)." ";` `echo"Lowercase:-".strtolower($name)." ";` `echo"String Length:-".strlen($name)." ";` `echo"Total number of words in the string is:-".str_word_Count($name)." ";`

	echo"the postion of & is :-".strpos($name,"&")."
	";
	  $inst_name=$name.$city;
	  echo "the replace string is:-".str_replace("V.V.Nagar"," Vallabh Vidhynagar
	",$inst_name);
	echo "the reverse string is:-".strrev($name)."
	";
	  $y=str_split($city);
	  echo"String to array is:-";
	  print_r ($y);
	// Extraction of specific word from the string
	  $y=explode(" ",$inst_name);
	  $extract1=$y[9];
	  echo "
	".$extract1 ;
	
	  echo "
	".str_replace("ISTAR",'\'ISTAR\'',$inst_name);
	  ?>
	
	</body>
	</html>	

LMp5	Take three variables as $x="25 ISTAR",$y="ISTAR 25",$z="25" and convert it in to integer	

Code	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	  $x="25 ISTAR";
	  $y="ISTAR 25";
	  $z="25";
	echovar_dump((int)$x)."
	";
	echovar_dump((int)$y)."
	";
	  echo var_dump((int)$z);
	
	  ?>
	</body>
	</html>	

LMp6	Take variable as $x=25 an convert it into string and show the data type of converted variable	
Code	<!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Document</title> </head> <body>	

		```php<?php $x=25; echo var_dump((string)$x); ?></body></html>```
LMp7		**Take one integer and two float variable and perform the following operation** - **Store the negative value in integer and show the use of abs()** - **Store 6.2 and 6.7 in the float variable and use the ceiling value of both** - **Store 6.2 and 6.7 in the float variable and use the floor value of both** - **Store 6.2 and 6.7 in the float variable and use the round value of both** - **Store any value to integer and find its square root** - **Find out random value between 1 to 100** - **Store any positive value in integer and find out power of it**
Code		```html<!DOCTYPE html><html lang="en"><head><meta charset="UTF-8"><meta name="viewport" content="width=device-width, initial-scale=1.0"><title>Document</title></head><body><?php $i=-1; $j=6.2; $k=6.7;echo "Absolute value is:- ".abs($i)." ";echo "Ceiling Value is:- ".ceil($j).",".ceil($k)." ";echo "Ceiling Value is:- ".floor($j).",".floor($k)." ";echo "Round Value is:- ".round($j).",".round($k)." ";echo "Square Root Value is:- ".sqrt(46)." ";echo "Random number between 1 to 100 is :- ".rand(1,100)." "; echo "The power is :- ".pow(2,4); ?></body></html>```
LMp8		**Find out the maximum number from three numbers**
Code		```html<!DOCTYPE html><html lang="en"><head><meta charset="UTF-8"><meta name="viewport" content="width=device-width, initial-scale=1.0"><title>Document</title></head><body><?php echo "The maximum number from 20,50,10 is:- ".max(20,50,10); ?>```

	``` </body> </html>```
LMp9	**Find out the minimum number from three numbers**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	  echo "The minimum number from 20,50,10 is:- ".min(20,50,10);
	  ?>
	</body>
	</html>
	``

LMp10	**Write a program to check age and print the appropriate message for vote. If age is greater then 18 print "You can Vote ",print "You can't vote" otherwise**

Code	```html
	<!DOCTYPE html>
	<html>
	<head>
	        <title>POST Body</title>
	        <style>
	                form {
	                        margin: 30px 0px;
	                }
	                input {
	                        display: block;
	                        margin: 10px 15px;
	                        padding: 8px 10px;
	                        font-size: 16px;
	                }
	                div {
	                        font-size: 20px;
	                        margin: 0px 15px;
	                }
	                h2 {
	                        color: green;
	                        margin: 20px 15px;
	                }
	        </style>
	</head>
	<body>
	        <h2>Voting/h2>
	        <form method="post">
	                <input type="text" name="username"
	                                                placeholder="Enter Username">
	                <input type="age" name="age"
	                                                placeholder="Enter age">
	``

<table>
<tr><td></td><td>

```
                <input type="submit" name="submit-btn"
                                              value="submit">
        </form>
        <br>
<?php
        if (isset($_POST["submit-btn"])) {
                $a= $_POST['age'];
    if($a>=18){
                echo "YOu are 18 you can vote";
    }
     else{
       echo "You cant vote";
    }
        }
?>

</body>
</html>
```

</td></tr>
<tr><td></td><td></td></tr>
<tr><td>**LMp11**</td><td>**Write a program to check the year is leap year or not.**</td></tr>
<tr><td>**Code**</td><td>

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<form method="post">
                <input type="Year" name="year"
                                              placeholder="Enter year">
                <input type="submit" name="submit-btn"
                                              value="submit">
        </form>
        <br>
<?php
        if (isset($_POST["submit-btn"])) {
                $a= $_POST['year'];
    if($a>0){
    if($a%4==0){
                echo "Its a leap year";
    }
     else{
       echo "it is not a leap year";
    }
    }
     else{
       echo "Eneter valid year";
    }
        }
 ?>
```

</td></tr>
</table>

	``` </body> </html>```
LMp12	**Write a program to check number is odd or even**

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<form method="post">
	            <input type="number" name="number"
	                                    placeholder="Enter
	number">
	            <input type="submit" name="submit-btn"
	                                    value="submit">
	        </form>
	
	<?php
	        if (isset($_POST["submit-btn"])) {
	                $a= $_POST['number'];
	    if($a%2==0){
	
	                echo "Its a Even";
	    }
	     else{
	       echo "it is Odd";
	    }
	
	        }
	   ?>
	</body>
	</html>
	``

LMp13	**Calculate the light bill with consider the following conditions** | Condition	Rate
For first 100 units	**6 rs per unit**
For units 101 to 200	**7 rs per unit**
For units 201 to 300	**8 rs per unit**
For units 301 to 400	**9 rs per unit**
For units Above 400	**10 rs per unit**	
Code	``` <!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Document</title> ```

| | ```html
</head>
<body>
<form method="POST">
     Enter Units: <input type="input" name="txt1"><br><br>
<input type="submit" name="btn1" value="Check">
</form>
<?php
    if (isset($_POST["btn1"])){
       $a = $_POST["txt1"];
       $total = 0;
       $flag = 0;
       for($i=1;$i<=$a;$i++){
          $flag++;
          if($flag<=100){
             $total = $total + 6;
          }
elseif($flag>100 && $flag<=200){
             $total = $total + 7;
          }
elseif($flag>200 && $flag<=300){
             $total = $total + 8;
          }
elseif($flag>300 && $flag<=400){
             $total = $total + 9;
          }
          else{
             $total = $total + 10;
          }
       }
       echo "<br> Your Bill: $total";
    }
  ?>
</body>
</html>
``` |
| | |
| **LMp14** | **Define income and gender as variable and calculate income tax with following conditions** |

Condition	Tax for male	Tax for female
Income<500000	0	0
500001 to 800000	10%	5%
800001 to 1000000	20%	10%
>1000000	30%	20%

| **Code** | ```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<form method="POST">
``` |

```
Enter Salary: <input type="text" name="txt1"><br><br>
    Male <input type="radio" name="g" value="Male"> Female<input
type="radio" name="g" value="Female"><br><br>
<input type="submit" name="btn1" value="Check">
</form>
<?php
    if (isset($_POST["btn1"])){
        $a = $_POST["txt1"];
        $g = $_POST["g"];
        $tax=0;

            if($a<=500000&& $g=="Male"||$a<=500000&&$g=="Female"){
                $tax = $a;
            }
elseif($a>500001&& $a<=800000){
            if($g=="Male"){
            $tax = $a *0.10;
            }else{
                $tax=$a*0.5;
            }
            }
elseif($a>800001 && $a<=1000000){
            if($g=="Male"){
            $tax = $a*0.20;
            }else{
                $tax=$a*0.10;
            }
            }
elseif($a>1000000){
            if($g=="Male"){
                $tax = $a*0.30;
            }else{
                $tax=$a*0.20;
            }
            }
        else{
echo "Enter Valid Salary!";
            }
        }
        echo "<br> Your Tax is: $tax";

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

LMP15	**Assign a value between 1 to 12 in variable and display the name of the month according to it using switch...case**

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

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<form method="POST">
    Enter Month: <input type="text" name="txt1"><br><br>
<input type="submit" name="btn1" value="Check">
</form>
<?php
    if (isset($_POST["btn1"])){
      $a = $_POST["txt1"];
      $mon="";
      if($a>0&&$a<=12){
        switch($a){
          case 1:
            $mon="January";
            break;
          case 2:
            $mon="February";
            break;
          case 3:
            $mon="March";
            break;
          case 4:
            $mon="April";
            break;
          case 5:
            $mon="May";
            break;
          case 6:
            $mon="June";
            break;
          case 7:
            $mon="July";
            break;
          case 8:
            $mon="August";
            break;
          case 9:
            $mon="September";
            break;
          case 10:
            $mon="October";
            break;
          case 11:
            $mon="November";
            break;
          case 12:
            $mon="December";
            break;
```

	default:
	    echo "Invalid month";
	    break;
	  }
	  echo 'Month is:- $mon';
	  }
	  }
	
	  ?>
	</body>
	</html>

LMP16	**Print table of 5**

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	  for($i=1;$i<=10;$i++){
	echo "
	5 X $i = " . 5*$i;
	  }
	  ?>
	</body>
	</html>
	``

LMP17	**Print table of 5 in table format in html**

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	  echo"<table align=center border=1 cellspacing=0,cellpadding=0 width=40%
	height=550px>";
	  for($i=1;$i<=10;$i++){
	    echo"<tr align=center>";
	    echo"<td>5</td>";
	    echo"<td>x</td>";
	    echo "<td> $i</td> ";
	    echo "<td>=</td>";
	echo "<td>". 5*$i."</td>";
	    echo "</tr>";
	  }
	  echo"</table>";
	``

	?> </body> </html>	
LMP18	**Print table of 1 to 5**	

Code	```
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<form method="POST">
	    Enter number: <input type="text" name="txt1">
	
	<input type="submit" name="btn1" value="Check">
	</form>
	<?php
	   if (isset($_POST["btn1"])){
	    $a = $_POST["txt1"];
	   echo"<table align=center border=1 cellspacing=0,cellpadding=0 width=40% height=550px>";
	   for($i=1;$i<=10;$i++){
	    $c=$a*$i;
	    echo "<tr>";
	    echo"<tr align=center>";
	    echo"<td>$a</td>";
	    echo"<td>x</td>";
	    echo "<td> $i</td> ";
	    echo "<td>=</td>";
	echo "<td>". $c."</td>";
	    echo "</tr>";
	   }
	   echo"</table>";
	    }
	   ?>
	</body>
	</html>
	``	

LMP19	**Check the number is prime ornot**	
Code	``` <!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Document</title> </head> <body> <form method="POST"> Enter number: <input type="text" name="txt1"> <input type="submit" name="btn1" value="Check"> ```	

```
</form>
<?php
function isPrime($number) {

   if ($number < 2) {
      return false;
   }


   for ($i = 2; $i <= sqrt($number); $i++) {
      if ($number % $i == 0) {
         return false;
      }
   }

   return true;
}
if (isset($_POST["btn1"])){
$number = $_POST["txt1"];
if (isPrime($number)) {
echo "<br>$number is a prime number.";
} else {
echo "<br>$number is not a prime number.";
}
}
?>
</body>
</html>
```

LMP20	**Find out the factorial of the given number**
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<form method="POST">
    Enter number: <input type="text" name="txt1"><br><br>
<input type="submit" name="btn1" value="Check">
</form>
<?php
  if (isset($_POST["btn1"])){
    $a = $_POST["txt1"];
    $fact=1;
  for($i=1;$i<=$a;$i++){
    $fact*=$i;
}
echo "factiorial of $a is :$fact";
}
``` |

	?> \</body> \</html>
LMP21	**Take a base as $x and power as $y. Find out the answer of X^y**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	
	<body>
	<form method="POST">
	    Enter x: <input type="text" name="txt1">
	
	    Enter y: <input type="text" name="txt2">
	
	<input type="submit" name="btn1" value="Check">
	</form>
	<?php
	  if (isset($_POST["btn1"])) {
	    $x = $_POST["txt1"];
	    $y = $_POST["txt2"];
	
	    $result = pow($x, $y);
	    echo "$x raised to the power of $y is $result";
	  }
	  ?>
	</body>
	
	</html>
	``

LMP22a	**1 1 1 1 1** **2 2 2 2 2** **3 3 3 3 3** **4 4 4 4 4** **5 5 5 5 5**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	  for ($i = 1; $i <=5; $i++) {
	``

| | ```
   for ($j = 1; $j <=5; $j++) {
echo" ". $i ;
   }
   echo "<br>";
   }
   ?>

</body>
</html>
``` |
| | |
| **LMP22b** | **1**
1 2
1 2 3
1 2 3 4
1 2 3 4 5 |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<?php
   for ($i = 1; $i <= 5; $i++) {
      for ($j = 1; $j <= $i; $j++){
echo " ". $j ;
      }
      echo "<br>";
   }
   ?>
</body>
</html>
``` |
| | |
| **LMP22c** | **1**
2 2
3 3 3
4 4 4 4
5 5 5 5 5 |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<?php
   for ($i = 1; $i <= 5; $i++) {
``` |

	``php
	        for ($j = 1; $j <= $i; $j++){
	echo " ". $i ;
	            }
	        echo "
	";
	    }
	    ?>
	</body>
	</html>```

LMP22d	**1** **2 3** **4 5 6** **7 8 9 10** **11 12 13 14 15**

Code	```html
	<!DOCTYPE html>
	<html lang="en">
	<head>
	<meta charset="UTF-8">
	<meta name="viewport" content="width=device-width, initial-scale=1.0">
	<title>Document</title>
	</head>
	<body>
	<?php
	   $num=0;
	   for ($i = 1; $i <= 5; $i++) {
	      for ($j = 1; $j <= $i; $j++){
	         $num++;
	echo " ". $num ;
	          }
	        echo "
	";
	    }
	    ?>
	</body>
	</html>```

LMP22e	*** * * * *** *** * * *** *** * *** *** *** *****
Code	```html <!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Document</title> </head> <body> <?php```

| | ```
    $num=0;
    for ($i = 1; $i <= 5; $i++) {
       for ($j = $i; $j <=5; $j++){

echo " ". "*" ;
       }
       echo "<br>";
    }
    ?>
</body>
</html>
``` |
| | |
| **LMP22f** | ```
* * * * *
  * * * *
    * * *
      * *
        *
``` |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<?php
   $num=0;
   for ($i = 1; $i <= 5; $i++) {
      for ($j = 1; $j <$i; $j++){

         echo "  &nbsp" ;
      }
      for($k=$i;$k<=5;$k++){
         echo "* ";
      }
      echo "<br>";
   }
   ?>
</body>
</html>
``` |
| **LMP23** | **Take a number and find out the value at place of one,ten,hundred, thousand and ten thousand.**
The number is :2
The number is:30
The number is:600
The number is:5000 |
| **Code** | ```
<!DOCTYPE html>
<html lang="en">

<head>
``` |

	`<meta charset="UTF-8">` `<meta name="viewport" content="width=device-width, initial-scale=1.0">` `<title>Document</title>` `</head>` `<body>` `<form method="post">` `<input type="text" name="number" id="" style="margin-bottom:10px"> ` `<input type="submit" name="submit" value="submit" style="margin-bottom:10px">` `</form>` `<?php` `  if (isset($_POST['submit'])) {` `    $n = $_POST['number'];` `    $num = 0;` `    while ($n > 0) {` `      $a = $n % 10;` `      $place = pow(10, $num) * $a;` `      $n = floor($n / 10);` `      $num++;` `      echo "The number is:$place  ";` `    }` `  }` `  ?>` `</body>` `</html>`
LMP24	**Print the number between 1 to 25 which are not divisible by 4**
Code	`<!DOCTYPE html>` `<html lang="en">` `<head>` `<meta charset="UTF-8">` `<meta name="viewport" content="width=device-width, initial-scale=1.0">` `<title>Document</title>` `</head>` `<body>` `<?php` `    for($i=1;$i<=25;$i++){` `        if($i%4!==0){` `echo $i." ";` `        }` `    }` `  ?>` `</body>` `</html>`
LMP25	**Write a different function for finding the area and perimeter of different shapes Circle, rectangle, equilateral triangle**
Code	`<!DOCTYPE html>`

```html
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Shape Calculator</title>
</head>
<body>

  <form method="POST">
    <label for="shape">Select Shape:</label>
    <select name="shape" id="shape" required>
      <option value="circle">Circle</option>
      <option value="rectangle">Rectangle</option>
      <option value="triangle">Equilateral Triangle</option>
    </select>
    <div id="inputs">
      <label for="radius">Radius:</label>
      <input type="number" name="radius" id="radius" step="0.01" required>
    </div>
    <button type="submit">Calculate</button>
  </form>

  <?php
  if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $shape = $_POST['shape'];
    $result = '';

    switch ($shape) {
      case 'circle':
        $radius = $_POST['radius'];
        $area = pi() * $radius * $radius;
        $perimeter = 2 * pi() * $radius;
        $result = "Circle Area: $area, Perimeter: $perimeter";
        break;
      case 'rectangle':
        $length = $_POST['length'];
        $width = $_POST['width'];
        $area = $length * $width;
        $perimeter = 2 * ($length + $width);
        $result = "Rectangle Area: $area, Perimeter: $perimeter";
        break;
      case 'triangle':
        $side = $_POST['side'];
        $area = (sqrt(3) / 4) * $side * $side;
        $perimeter = 3 * $side;
        $result = "Triangle Area: $area, Perimeter: $perimeter";
        break;
    }

    echo "<h3>Result</h3><p>$result</p>";
  }
```

```
    ?>

  <script>
    const shapeSelect = document.getElementById('shape');
    const inputsDiv = document.getElementById('inputs');

    shapeSelect.addEventListener('change', () => {
      const shape = shapeSelect.value;
      inputsDiv.innerHTML = '';

      if (shape === 'circle') {
        inputsDiv.innerHTML = `
          <label for="radius">Radius:</label>
          <input type="number" name="radius" id="radius" step="0.01"
required>
          `;
      } else if (shape === 'rectangle') {
        inputsDiv.innerHTML = `
          <label for="length">Length:</label>
          <input type="number" name="length" id="length" step="0.01"
required>
          <label for="width">Width:</label>
          <input type="number" name="width" id="width" step="0.01" required>
        `;
      } else if (shape === 'triangle') {
        inputsDiv.innerHTML = `
          <label for="side">Side Length:</label>
          <input type="number" name="side" id="side" step="0.01" required>
        `;
      }
    });
  </script>
</body>
</html>
```

LMP26	Write a appropriate function for solve the following equations
	• ($a+$b+$c)*($a-$b)
	• $a*($b/$c)*$d
	• (2ab)+$a2+$b3
Code	```<!DOCTYPE html>```
	`<html lang="en">`
	`<head>`
	`  <meta charset="UTF-8">`
	`  <meta name="viewport" content="width=device-width, initial-scale=1.0">`
	`  <title>Equation Solver</title>`
	`</head>`
	`<body>`
	`  <h1>Equation Solver</h1>`
	`  <form method="POST">`
	`    <label for="equation">Select Equation:</label>`
	`    <select name="equation" id="equation" required>`

```
            <option value="eq1">($a + $b + $c) * ($a - $b)</option>
            <option value="eq2">$a * ($b / $c) * $d</option>
            <option value="eq3">(2 * $a * $b) + $a^2 + $b^3</option>
          </select>
          <div id="inputs">
            <input type="number" name="a" placeholder="a" required>
            <input type="number" name="b" placeholder="b" required>
            <input type="number" name="c" placeholder="c">
            <input type="number" name="d" placeholder="d">
          </div>
          <button type="submit">Solve</button>
        </form>

        <?php
        if ($_SERVER['REQUEST_METHOD'] === 'POST') {
          $a = $_POST['a'];
          $b = $_POST['b'];
          $c = $_POST['c'] ?? 0;
          $d = $_POST['d'] ?? 0;

          switch ($_POST['equation']) {
            case 'eq1':
              $result = ($a + $b + $c) * ($a - $b);
              break;
            case 'eq2':
              $result = $c != 0 ? $a * ($b / $c) * $d : "Division by zero!";
              break;
            case 'eq3':
              $result = (2 * $a * $b) + ($a ** 2) + ($b ** 3);
              break;
            default:
              $result = "Invalid equation.";
          }

          echo "<h3>Result: $result</h3>";
        }
        ?>
      </body>
      </html>
```

LMP27	**Create an indexed array,store some elements(integer only) and perform following operations** • **Count the number of elements** • **Sort arrays in ascending order** • **Sort arrays in descending order** • **Sum of all elements** • **Sum of odd elements** • **Sum of even elements**
Code	`<?php`

```
$array = [5, 12, 7, 3, 9, 4];
$count = count($array);
$ascending = $array;
sort($ascending);
$descending = $array;
rsort($descending);
$totalSum = array_sum($array);
$oddSum = array_sum(array_filter($array, fn($num) => $num % 2 !== 0));
$evenSum = array_sum(array_filter($array, fn($num) => $num % 2 === 0));
echo "Original Array: " . implode(", ", $array) . "<br>";
echo "Number of Elements: $count<br>";
echo "Ascending Order: " . implode(", ", $ascending) . "<br>";
echo "Descending Order: " . implode(", ", $descending) . "<br>";
echo "Sum of All Elements: $totalSum<br>";
echo "Sum of Odd Elements: $oddSum<br>";
echo "Sum of Even Elements: $evenSum<br>";
?>
```

LMP29	Create two indexed array with only integer value and store the summation of elements in the third array(e.g. $z[0]=$x[0]+$y[0])

Code	<pre><?php
	$x = [2, 4, 6, 8];
	$y = [1, 3, 5, 7];
	$z = [];
	for ($i = 0; $i < min(count($x), count($y)); $i++) {
	   $z[$i] = $x[$i] + $y[$i];
	}
	
	echo "Array X: " . implode(", ", $x) . "<br>";
	echo "Array Y: " . implode(", ", $y) . "<br>";
	echo "Summation Array Z: " . implode(", ", $z) . "<br>";
	?></pre>

LMP30	Create Registration form and perform the insert operation in user table Take fields as uid,firstname,lastname,username,password,and city

Code	Registration.php
	<pre><?php
	include("connectivity.php");
	?>
	<!DOCTYPE html>
	<html lang="en">
	
	<head>
	  <meta charset="UTF-8">
	  <meta name="viewport" content="width=device-width, initial-scale=1.0">
	  <title>Document</title>
	</head>
	
	<body>
	  <form method="post" action="insert.php"></pre>

```
        <input type="text" name="fname" id="fname" placeholder="Enter your
FirstName"style="margin-bottom:10px"><br>
        <input type="text" name="lname" id="lname" placeholder="Enter your
LastName"style="margin-bottom:10px"><br>
        <input type="text" name="uname" id="uname" placeholder="Enter your
username"style="margin-bottom:10px"><br>
        <input type="password" name="upassword"
id="upassword"placeholder="Enter your Password" style="margin-
bottom:10px"><br>
        <input type="text" name="city" id="city"placeholder="Enter your city"
style="margin-bottom:10px"><br>
        <input type="submit" value="submit" name="submit" style="border-
radius:10px;height:40px;width:100px">
    </form>

</body>

</html>
```

Connectivity.php
```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "user";
$conn= mysqli_connect($servername, $username, $password, $dbname);
if($conn){
    echo" ";
}
else{
    echo "Error";
}
?>
```

Insert.php
```php
<?php
include("connectivity.php");
    if (isset($_POST["submit"])) {

        $fname = $_POST["fname"];
        $lname = $_POST["lname"];
        $uname = $_POST["uname"];
        $upasssword = $_POST["upasssword"];
        $city = $_POST["city"];
        echo $uname;
        $upassword = $_POST["upassword"];
        $password=md5($upassword);
        $sql = "INSERT INTO user_details (fname,lname,uname,upassword,city)
VALUES('$fname','$lname','$uname','$password','$city')";
        $result = mysqli_query($conn, $sql);
        if ($result) {
```

	echo "Inserted Successfully";
	    header("location:registration.php");
	  } else {
	    echo "Error occur while Inserting";
	  }
	}
	?>

LMP31	**Create a login form and check whether user is authenticated or not(user entry available in user table).Use select query with where caluse for this.**

Code	Auth.php
	``php
	<?php
	include("connectivity.php");
	
	$message = "";
	
	if (isset($_POST["submit"])) {
	
	  $uname = mysqli_real_escape_string($conn, $_POST["uname"]);
	  $upassword = $_POST["upassword"];
	
	  $sql = "SELECT * FROM user_details WHERE uname = '$uname'";
	  $result = mysqli_query($conn, $sql);
	
	  if (mysqli_num_rows($result) > 0) {
	
	    $user = mysqli_fetch_assoc($result);
	
	    if (md5($upassword) === $user['upassword']) {
	
	      $message = "Login Successful!";
	    } else {
	
	      $message = "Incorrect password!";
	    }
	  } else {
	
	    $message = "User not found!";
	  }
	}
	?>
	<!DOCTYPE html>
	<html lang="en">
	<head>
	  <meta charset="UTF-8">
	  <meta name="viewport" content="width=device-width, initial-scale=1.0">
	  <title>Login Form</title>
	</head>
	``

| | ```html
<body>

  <form method="post">
    <input type="text" name="uname" placeholder="Enter your username" style="margin-bottom:10px"><br>
    <input type="password" name="upassword" placeholder="Enter your password" style="margin-bottom:10px"><br>
    <input type="submit" value="Login" name="submit" style="border-radius:10px;height:40px;width:100px">
  </form>

  <div>
    <?php

    if ($message != "") {
      echo $message;
    }
    ?>
  </div>

</body>
</html>
``` |
| | |
| **LMP32** | **Create a users.php page which shows the all users details with "Edit" and "Delete" options** |
| **Code** | Users.php<br>```php
<?php
include("connectivity.php");


$sql = "SELECT * FROM user_details";
$result = mysqli_query($conn, $sql);


if (isset($_GET['delete'])) {
  $user_id = $_GET['delete'];


  $delete_sql = "DELETE FROM user_details WHERE uid = $user_id";
  if (mysqli_query($conn, $delete_sql)) {
    echo "User deleted successfully!";
  } else {
    echo "Error deleting user.";
  }


  header("Location: users.php");
  exit();
}
?>
<!DOCTYPE html>
``` |

```html
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Users List</title>
</head>
<body>
  <h2>Users List</h2>

  <table border="1" cellpadding="5" cellspacing="0">
    <thead>
      <tr>
        <th>ID</th>
        <th>Username</th>
        <th>FirstName</th>
        <th>LastName</th>
        <th>City</th>
        <th>Password</th>
        <th>Actions</th>
      </tr>
    </thead>
    <tbody>
      <?php

      if (mysqli_num_rows($result) > 0) {
        while ($row = mysqli_fetch_assoc($result)) {
          echo "<tr>";
          echo "<td>" . $row['uid'] . "</td>";
          echo "<td>" . $row['uname'] . "</td>";
          echo "<td>" . $row['fname'] . "</td>";
          echo "<td>" . $row['lname'] . "</td>";
          echo "<td>" . $row['city'] . "</td>";
          echo "<td>" . $row['upassword'] . "</td>";
          echo "<td>
              <a href='edit_user.php?id=" . $row['uid'] . "'>Edit</a> |
              <a href='users.php?delete=" . $row['uid'] . "' onclick='return
confirm(\"Are you sure you want to delete this user?\")'>Delete</a>
              </td>";
          echo "</tr>";
        }
      } else {
        echo "<tr><td colspan='4'>No users found.</td></tr>";
      }
      ?>
    </tbody>
  </table>
</body>
</html>
```

Edit_users.php
```php
<?php
include("connectivity.php");
```

```php
if (isset($_GET['id'])) {
    $user_id = $_GET['id'];
    $sql = "SELECT * FROM user_details WHERE uid = $user_id";
    $result = mysqli_query($conn, $sql);

    if (mysqli_num_rows($result) > 0) {
        $user = mysqli_fetch_assoc($result);
    } else {
        echo "User not found.";
        exit();
    }
}
if (isset($_POST['update'])) {
    $fname = mysqli_real_escape_string($conn, $_POST['fname']);
    $lname = mysqli_real_escape_string($conn, $_POST['lname']);
    $uname = mysqli_real_escape_string($conn, $_POST['uname']);
    $upassword = mysqli_real_escape_string($conn, $_POST['upassword']);
    $city = mysqli_real_escape_string($conn, $_POST['city']);
    $update_sql = "UPDATE user_details SET fname = '$fname', lname =
'$lname',uname='$uname',upassword='$upassword',city='$city' WHERE uid =
$user_id";
    if (mysqli_query($conn, $update_sql)) {
        echo "User updated successfully!";
        header("Location: users.php");
        exit();
    } else {
        echo "Error updating user.";
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit User</title>
</head>
<body>
    <h2>Edit User</h2>
    <form method="post">
        <label for="fname">First Name:</label><br>
        <input type="text" name="fname" id="fname" value="<?php echo
$user['fname']; ?>" required><br><br>
        <label for="lname">Last Name:</label><br>
        <input type="text" name="lname" id="lname" value="<?php echo
$user['lname']; ?>" required><br><br>
        <label for="uname">Username:</label><br>
        <input type="text" name="uname" id="uname" value="<?php echo
$user['uname']; ?>" required><br><br>
```

	```<label for="password">Password:</label> <input type="password" name="upassword" id="upassword" value="<?php echo $user['upassword']; ?>" required> <label for="city">city:</label> <input type="text" name="city" id="city" value="<?php echo $user['city']; ?>" required> <input type="submit" name="update" value="Update User"></form></body></html>```
LMP33	**Create a delete.php page which is use for delete the specific user.**
Code	```<?php include("connectivity.php"); $sql = "SELECT * FROM user_details"; $result = mysqli_query($conn, $sql); if (isset($_GET['delete'])) { $user_id = $_GET['delete']; $delete_sql = "DELETE FROM user_details WHERE uid = $user_id"; if (mysqli_query($conn, $delete_sql)) { echo "User deleted successfully!"; } else { echo "Error deleting user."; } header("Location: users.php"); exit(); } ?>```
LMP34	**Create a update.php page which is use for update the details of the specific user.**
Code	```<?php include("connectivity.php"); if (isset($_GET['id'])) { $user_id = $_GET['id']; $sql = "SELECT * FROM user_details WHERE uid = $user_id"; $result = mysqli_query($conn, $sql); if (mysqli_num_rows($result) > 0) { $user = mysqli_fetch_assoc($result); } else {```

```php
            echo "User not found.";
            exit();
        }
    }
    if (isset($_POST['update'])) {
        $fname = mysqli_real_escape_string($conn, $_POST['fname']);
        $lname = mysqli_real_escape_string($conn, $_POST['lname']);
        $uname = mysqli_real_escape_string($conn, $_POST['uname']);
        $upassword = mysqli_real_escape_string($conn, $_POST['upassword']);
        $city = mysqli_real_escape_string($conn, $_POST['city']);
        $update_sql = "UPDATE user_details SET fname = '$fname', lname =
'$lname',uname='$uname',upassword='$upassword',city='$city' WHERE uid =
$user_id";
        if (mysqli_query($conn, $update_sql)) {
            echo "User updated successfully!";
            header("Location: users.php");
            exit();
        } else {
            echo "Error updating user.";
        }
    }
?>


<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit User</title>
</head>
<body>
    <h2>Edit User</h2>
    <form method="post">
        <label for="fname">First Name:</label><br>
        <input type="text" name="fname" id="fname" value="<?php echo
$user['fname']; ?>" required><br><br>
        <label for="lname">Last Name:</label><br>
        <input type="text" name="lname" id="lname" value="<?php echo
$user['lname']; ?>" required><br><br>
        <label for="uname">Username:</label><br>
        <input type="text" name="uname" id="uname" value="<?php echo
$user['uname']; ?>" required><br><br>

        <label for="password">Password:</label><br>
        <input type="password" name="upassword" id="upassword" value="<?php
echo $user['upassword']; ?>" required><br><br>
        <label for="city">city:</label><br>
        <input type="text" name="city" id="city" value="<?php echo $user['city']; ?>"
required><br><br>

        <input type="submit" name="update" value="Update User">
```

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

LMP35	**Add the searching facility in users.php(search by the username only)**

Code	```php
	<?php
	include("connectivity.php");
	
	$search = "";
	
	if (isset($_POST['search'])) {
	    $search = mysqli_real_escape_string($conn, $_POST['search_query']);
	}
	
	if ($search != "") {
	  =
	    $sql = "SELECT * FROM user_details WHERE uname LIKE '%$search%'";
	} else {
	
	    $sql = "SELECT * FROM user_details";
	}
	
	$result = mysqli_query($conn, $sql);
	
	if (isset($_GET['delete'])) {
	    $user_id = $_GET['delete'];
	
	    $delete_sql = "DELETE FROM user_details WHERE uid = $user_id";
	    if (mysqli_query($conn, $delete_sql)) {
	        echo "User deleted successfully!";
	    } else {
	        echo "Error deleting user.";
	    }
	
	    header("Location: users.php");
	    exit();
	}
	?>
	<!DOCTYPE html>
	<html lang="en">
	<head>
	    <meta charset="UTF-8">
	    <meta name="viewport" content="width=device-width, initial-scale=1.0">
	    <title>Users List</title>
	</head>
	<body>
	``

```
    <h2>Users List</h2>

    <!-- Search Form -->
    <form method="post">
        <input type="text" name="search_query" placeholder="Search by username" value="<?php echo $search; ?>" style="margin-bottom:10px">
        <input type="submit" name="search" value="Search" style="border-radius:10px;height:30px;width:100px">
    </form>

    <table border="1" cellpadding="5" cellspacing="0" style="margin-top: 20px;">
        <thead>
            <tr>
                <th>ID</th>
                <th>Username</th>
                <th>First Name</th>
                <th>Last Name</th>
                <th>City</th>
                <th>Password</th>
                <th>Actions</th>
            </tr>
        </thead>
        <tbody>
            <?php
            // Check if there are any users to display
            if (mysqli_num_rows($result) > 0) {
                while ($row = mysqli_fetch_assoc($result)) {
                    echo "<tr>";
                    echo "<td>" . $row['uid'] . "</td>";
                    echo "<td>" . $row['uname'] . "</td>";
                    echo "<td>" . $row['fname'] . "</td>";
                    echo "<td>" . $row['lname'] . "</td>";
                    echo "<td>" . $row['city'] . "</td>";
                    echo "<td>" . $row['upassword'] . "</td>";
                    echo "<td
                        <a href='edit_user.php?id=" . $row['uid'] . "'>Edit</a> |
                        <a href='users.php?delete=" . $row['uid'] . "' onclick='return confirm(\"Are you sure you want to delete this user?\")'>Delete</a>
                        </td>";
                    echo "</tr>";
                }
            } else {
                echo "<tr><td colspan='7'>No users found.</td></tr>";
            }
            ?>
        </tbody>
    </table>
</body>
</html>
```

LMP36	**Demonstrate the use of session in php**	

Code	```php
	<?php
	session_start();
	if (!isset($_SESSION["username"]) \|\| !isset($_SESSION["role"])) {
	    $_SESSION["username"] = "Yaxxsh";
	    $_SESSION["role"] = "Admin";
	    echo "Session variables are set automatically.
	";
	}
	
	if (isset($_GET['action']) && $_GET['action'] == 'destroy') {
	    session_destroy();
	    echo "Session destroyed.";
	} else {
	    if (isset($_SESSION["username"]) && isset($_SESSION["role"])) {
	        echo "Welcome, " . $_SESSION["username"] . "!
	";
	        echo "Role: " . $_SESSION["role"];
	    }
	}
	?>
	``

LMP37	**Demonstrate the use of cookie in php**

Code	```php
	<?php
	setcookie("username", "Yaxxsh", time() + (86400 * 7), "/");
	if(isset($_COOKIE["username"])) {
	    echo "Welcome back, " . $_COOKIE["username"] . "!
	";
	} else {
	    echo "Hello, new user!
	";
	}
	if(isset($_GET['delete_cookie'])) {
	    setcookie("username", "", time() - 3600, "/");
	    echo "Cookie 'username' has been deleted.
	";
	}
	?>
	<!DOCTYPE html>
	<html>
	<head>
	    <title>PHP Cookie Example</title>
	</head>
	<body>
	     Delete Cookie
	</body>
	</html>
	``

_____   _____

Submission Date   **Faculty's Signature**