

## Program No : 1

with : HTML program to implement different tags

## PROGRAM :

`<html>`

`<head> <title> Tag page </title> </head>`

`<body> <h1> This is my first program </h1>`

`<h2> This is my first program </h2>`

`<p> <b><i> This is just a paragraph </i></b>`

`<br> <br>`

`<p><strong> This is just a paragraph </strong></p>`

`<p><em> Emphasized tag paragraph </em></p>`

`<small> Small tag </small>`

`<p> The content will be <del> deleted </del><br>`

`<p> The content will be <ins> inserted </ins><br>`

`<p> The content will be <sub> Subscripted </sub><br>`

`<font face=" Verdana " size=" 10 " color=" blue " >`

`font tag </font>`

`</body>`

`</html>`

Result : The program has been executed and the output was verified.

## Output

< tag page >

this is my first program

this is my first program ...

this is just a paragraph ...

this is just a paragraph ...

emphasized tag ... paragraph ...

small tag

the content will be deleted

the content will be inserted

the content will be subscripted

the content will be <sup>subscripted</sup>.

## Font tag

## Program No: 2

AIM : HTML program to link different HTML Pages

### PROGRAMS :

```
<html>
```

```
<head>
```

```
<title> Demonstrate hyperlink </title>
```

```
</head>
```

```
<body>
```

```
<a href = "tag.html"> First program </a>
```

```
</body>
```

```
</html>
```

Result : The program has been Executed and the output was verified.

Output

• demonstrate hyperlink \*

My first program!

## Program No : 3

AIM : HTML program to create table

## PROGRAM :

```
<html>
<head>
<title> Show table </title> </head>
<body> <h1> This is a table </h1>
<table style = "width: 20%;">
<caption> Personal information </caption>
<tr>
<th> First name </th>
<th> last name </th>
<th> dob </th> <th> </th>
<tr>
<td> Abel </td>
<td> John </td>
<td> 9-5-1999 </td> <td>
<tr>
<td> Sarah </td>
<td> Mathew </td>
<td> 5-4-1998 </td> <td>
```

## Output

\* Shows table \*

This is is a table

personal information

first name	last name	dob
Abd	John	4-5-1999
Sarah	Matthew	8-4-1999

## Program No : A

AIM : HTML programs to create list

## PROGRAMS:

```
<html>
  <head>
    <title> list </title> </head>
  <body> <h1> Unordered list </h1>
        <ul>
          <li> HTML </li>
          <li> CSS </li>
          <li> Java </li> </ul>
        <h2> Ordered list </h2>
        <ol type = "a"> <li> PHP </li>
          <li> Python </li>
          <li> Android </li> </ol>
        <h2> Description list </h2>
        <dl> <dt> Windows </dt>
          <dd> This is a paid operating system  
which is commonly used.
        </dd> </dl> </body> </html>
```

Result : The program has been executed  
and the output was verified.

## Output

### \* List \*

#### unordered list

- html
- CSS
- Java

#### Ordered list

- PHP
- Python
- Android

#### description list

#### Windows

This is a paid operating system which is commonly used.

## Program No: 5

AIM : HTML programs to create a frame.

### PROGRAM :

```
<html>
```

```
<head>
```

```
<title> This is a frame </title>
```

```
</head>
```

```
<frameset cols = "250", 300 * 200">
```

```
<frame src = "tag.html" name = "first frame">
```

```
<frame src = "link.html" name = "second frame">
```

```
<frame src = "Image1.jpg" name = "third frame">
```

```
<frame src = "Image2.jpg" name = "fourth frame">
```

```
<no frames>
```

```
<body> Your browser or device doesn't  
support frame </body>
```

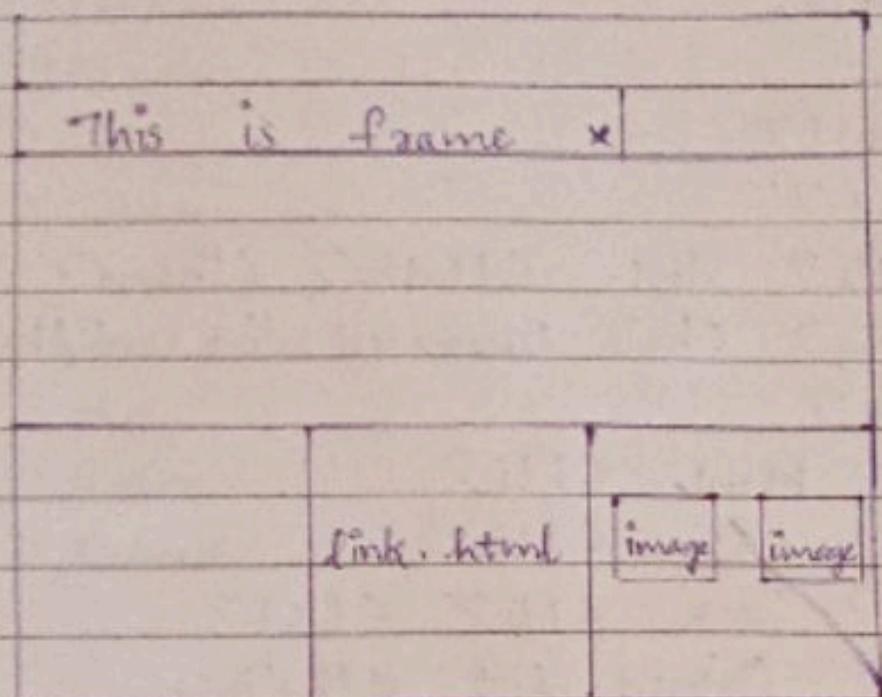
```
</no frames>
```

```
</frameset>
```

```
</html>
```

Result : The program has been executed  
And output was verified.

Output



## Program No : 6

AIM : HTML program to create a Registration Page

## PROGRAM :

```
<html>
<head>
<title> Registration form </title> </head>
<body style="color: #4CAF50"> <br> <br>
<form> Registration form.
<label> First name <label>
<input type="text" name="first name"/> <br>
<label> Middle name <label>
<input type="text" name="middle name"/> <br>
<label> Last name <label>
<input type="text" name="last name"/> <br>
<label> Gender
<input type="radio" name="gender" value="Male"/>
<br>
<input type="radio" name="gender" value="Female"/>
<input type="radio" name="gender" value="Other"/>
<br>
```

```
<label> Phone </label>
<input type = "text" name = "phone" size = "10"/>
<br/>
<label> Address </label>
<text area cols = "50" rows = "4"
value = "address"> </text area> <br/>
<label> Email </label>
<input type = "email" id = "email"
name = "email"/> <br/>

<input type = "button" value = "Submit"/>
</form>
</html>
</body>
```

Result : The program has been executed  
and the output was verified.

Output

# Registration Page x

## REGISTRATION FORM

First name

Middle name

Last name

DOB

District

:

 Sector  Sector

Gender

:

- Male
- Female
- Other

Phone

:

+91

Email

:

Submit

## Program No: 7

AIM: HTML programs to create a form for taking Admission to a college.

### PROGRAM:

```
<html>
  <head>
    <title> College Admission </title>
  </head>
  <body>
    <h2> College Admission form </h2>
    <tr>
      <td>
        <table>
          <tr>
            <td> first name </td>
            <td> <input type = "text" name = "first_name"
                 maxlength = "20" />
            </td>
          </tr>
          <tr>
            <td> last name </td>
            <td> <input type = "text" />
          </tr>
        </table>
      </td>
    </tr>
  </body>
</html>
```

name = "Last-Name"maxlength = "20" />

<td>

<tr>

<tr>

<td> Date of Birth <td>

<input type = "date" id = "birthday">

name = "birthday" />

<td>

<tr>

<tr>

<td> Gender <td>

<td>

Male <input type = "radio" name = "gender"

value = "Male" />

Female <input type = "radio" name = "gender"

value = "Female" />

<td>

<tr>

<tr>

<td> Address <br /> <br />

<td> <text area name = "Address"

rows = "2" cols = "20" /> </text area>

<td>

<tr>

<td> Email ID </td>

<td> Input type = "text" name = "Email ID"  
maxlength = "50" </td>

<td>

<tr>

<td>

<td> Mobile number </td>

<td>

<input type = "text" name = "Mobile - Name"  
maxlength = "31" </td>

<td>

<tr>

<td>

<td> Qualification </td> <br> <br> <br> <br>

<td>

<table> <tr>

<td> <b> Read AB </td> <td>

<td> <b> Examination </b> <td> <td>

<td> <b> Percentage </b> <td> <td>

<td> <b> Area of passing </b> <td>

<td>

<td>

<td> class &lt;td>

<td> <input type = "text" name = "class & Board"  
maxlength = "10" />

<td>

<td> <input type = "text" name = "class & Percentage"  
maxlength = "50" />

<td>

<td> <input type = "text" name = "class & Total\_Passing"  
maxlength = "50" />

<td>

<tr>

<td> class &lt;td>

<td> <input type = "text" name = "class & Board"  
maxlength = "50" /> <td>

<td> <input type = "text"

name = "class & Percentage"

maxlength = "50" /> <td>

<td> <input type = "text"

name = "class & Total\_Passing"

maxlength = "50" />

<td>

<tr>

<td>

<td> Graduation </td>

<td> <input type = "text"

name = "Graduation\_Brand"

maxlength = "20" /> </td>

<td> <input type = "text"

name = "Graduation\_Percentage"

maxlength = "20" /> </td>

<td> <input type = "text"

name = "Graduation\_YrOfPassing"

maxlength = "20" /> </td>

<tr>

<td>

<td> Masters </td>

<td> <input type = "text" name = "Masters\_Brand"

maxlength = "20" /> </td>

<td> <input type = "text"

name = "Masters\_Percentage"

maxlength = "20" /> </td>

<td> <input type = "text"

name = "Masters\_YrOfPassing"

maxlength = "20" /> </td>

<tr>

<td>

<td> <td>

<td> <td>

<td align = "center"> <td>

<td align = "center"> <td>

<tr>

<table>

<td>

<td>

<td> courses <br/> applied for: <td>

<td> BSC

<input type = "radio" name = "course-BSC"  
value = "BSC">

BCA

<input type = "radio" name = "course-BCA"  
value = "BCA">

B.COM

<input type = "radio" name = "course-B.COM"  
value = "B.COM">

BA

<input type = "radio" name = "course-BA"  
value = "BA">

MBA

<input type = "radio" name = "course-MBA"  
value = "MBA">

<td>

<tr>

<tr>

<td colspan="2" align="center">

<input align="center" type="submit" value="Submit">

<input type="submit" value="Print">

<td>

<tr>

<table>

<form>

<body>

<html>

Output

## College Admission Form

First name

Last name

Date of Birth

 mm / dd / yyyy 

Gender

Male  Female 

Address

Email ID

Mobile Number

## Qualification

Board

Examination

Percentage

Year of Passing

class X




class XII




Graduation




Masters




Course Applied for : BSC O BCA O BCOM O MBA O

Submit

Print

## Program No: 8

AIM : HTML program to create 4 frame.  
first frame should have a hyperlink  
second frame should have a table  
third frame should have an image.  
fourth frame should have a employee  
registration form.

### PROGRAM :

```
<html>
  <body>
    <frame src = "links.html" height = "100px"
          width = "400px" title = "1">
    <frame src = "image.html" height = "100px"
          width = "400px" title = "2">
    <frame src = "table.html" height = "100px"
          width = "400px" title = "3">
    <frame src = "form.html" height = "100px"
          width = "400px" title = "4">
  </body>
</html>
```

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

index.html

```
</html>
```

```
</body>
```

```
<center>
```

```
<a href = "iframe.html" > frames </a>
```

```
</center>
```

```
</body>
```

```
</html>
```

Re-type password:

```
<input type = "password" id = "repass" name = "repass">
```

```
<br> <br>
```

```
<input type = "button" value = "Submit" />
```

```
<form>
```

```
</body>
```

```
</html>
```

Result : The program has been  
executed and the output  
has verified.

## Output

W3 Schools	HTML Tag	first second name name tag Team David & Mon Jan 03 10
------------	----------	--

## Employee Registration form

first name
last name
Gender
<input type="radio"/> Male
<input type="radio"/> Female

## Program No : 9

AIM : HTML Program to implement if  
else statement using Javascript

## PROGRAM :

&lt;html&gt;

&lt;body&gt;

<script language = "javascript" type =  
"text/javascript">

var m = 12

var y = 12

if (m == y)

{

document.write ("x and y are equal")

}

else

{

document.write ("x and y are not equal")

}

&lt;/script&gt; &lt;/body&gt;

&lt;/html&gt;

Result : The program has been executed  
and the output was verified.

## Output

8 If else .html x

X and Y are not equal

## Program No : 10

AIM : HTML programs to implement do while and for loop.

## PROGRAM :

```
<html>
<body>
<script language = "JavaScript"
          type = "text /JavaScript">
    var c = 0
    document.write ("This is starting the loop<br>")
    do
    {
        document.write ("Current Count is : " + c + "<br>")
        c ++
    }
    while (c < 5)
    document.write ("The loop stopped<br>")
    var x = 0
    document.write ("This is while loop<br>")
    while (x < 5)
    {
```

```
document.write("Count is while loop" + br)
n ++
}
```

```
document.write("The loop end " + br)
var z
```

```
document.write("This is for loop " + br)
for (z=0; z<10; z++)
}
```

```
document.write("New count is :" + z + " " + br)
}
```

```
document.write("End for loop")
```

```
<script>
```

```
</body>
```

```
</html>
```

Result : The program has been executed  
and the output was verified.

Output

# loop iteration X

This is starting the loop.

Current count is : 0

Current count is : 1

Current count is : 2

Current count is : 3

Current count is : 4

the loop stopped.

This is while loop.

Count is : 0

Count is : 1

Count is : 2

Count is : 3

Count is : 4

Count is : 5

Count is : 6

Count is : 7

for loop end

this is for loop:

new count is 0  
new count is 1  
new count is 2  
new count is 3  
new count is 4  
new count is 5  
new count is 6  
new count is 7  
new count is 8  
new count is 9  
new count is 10  
new count is 11

end of for loop

## Program No : 11

**AIM :** HTML programs to implement variable using JavaScript

**PROGRAM :**

```

<html>
<head>
<body>
<script language = "JavaScript" type = "text/javascript">
var n = 10
var y = 12.8
var name = "Annal Thyothi"
var z = ? first name : "Alice"; last name: "Joe"
document.write (n)
document.write (y)
document.write (name)
document.write (z, first name)
document.write [type of (n)]
</script>
</body>
</html>

```

- i) Result : The program has been executed and the output was verified.

Output

Variables.html x

10 12.8 Amal Tyagi other member.

Program No: 12

Ques: HTML program to implement Javascript

Program:

```
<html>
  <head>
    <title> Java </title></head>
  <body>
    <script language="JavaScript"
            type="text/JavaScript">
      document.write("Hello everyone !
                     How are you all")
    </script>
  </body>
</html>
```

Result: The program has been executed And the output was verified

First part

\* Java \*

Hello everyone ! How are you all

Program No: 13

Q11 : HTML program to implement switch

PROGRAM :

```
<html>
```

```
<body>
```

```
<script language = "JavaScript"
```

```
type = "text/JavaScript">
```

```
var g = 'A'
```

```
document.write("next is a switch case")
```

```
switch(g)
```

```
{
```

```
case 'A' : document.write("<b>
```

```
This is a grade A </b>")
```

```
break;
```

```
case 'B' : document.write("<b>
```

```
This is a grade B </b>")
```

```
break;
```

```
default : document.write("This is not case")
```

```
}
```

Output

\* switch.html \*

next is a switch case  
this is grade A

Program No : 14

AIM : HTML programs to implement the concept of local variable.

PROGRAM :

```
<html>
  <body>
    <script language="JavaScript"
            type="text/javascript">
      var x = 10
      document.write (n)
    </script>
  </body>
</html>
```

Result : The program has been executed  
and output was verified.

Output

8 local variables x

10

## Program No : 15

AIM : HTML programs to implement local and Global variable.

## PROGRAM :

```
<html>
  <body>
    <script language="JavaScript"
      type = "text/JavaScript">
      var n = 10
      var gl = "Global" // Global variable.
      document.write (n)
      function chse ()
      {
        var lo = "Local" // Local variable.
        document.write (lo)
      }
      document.write (gl)
      chse ()
    </script>
  </body>
</html>
```

Output

⑧ local variable . html x

10 global local .

## Program No: 16

AIM : HTML program to implement get Element By Id concept

## PROGRAM :

```
<html>
<body>
<p id = "demo"> </p>
<script language = "JavaScript"
          type = "text/JavaScript">
var person = { first name : "Viki",
               last name : "Jacob",
               age : 17
             }
             Address: "Tharayil",
           </script>
</body>
</html>
```

document.get ElementById ("demo").

inner HTML = person.first name + " " +  
Person.last name + " is " + person.age + " years old"

</script>

</body>

</html>

Result : The program has been executed  
and the output was verified.

Output

Q. getElementById .html X

Vini TALAP is 17 years old.

## Program No : 17

Aim: HTML program to perform search and replace function on string.

## PROGRAM:

```
<html>
  <body>
    <script language="JavaScript"
      type="text/javascript">
      var st = "good morning !! how are you??"
      var n = st.search("morning")
      document.write(n)
      var sh = st.replace("morning", "evening")
      document.write(st)
    </script>
  </body>
</html>
```

Result: The program has been executed  
and the output was verified.

Output

② Search.html X

5 Good evening !! how are you??

## Program No. 18

Q18 : HTML program to implement the concept of CSS.

### PROGRAM :

```
<html>
```

```
<head>
```

```
<title> Student Registration form </title>
```

```
<link rel = "stylesheet href = "style.css">
```

```
</head>
```

```
<style>
```

```
.btn {
```

```
}
```

```
background-color: brown;
```

```
text-decoration: none;
```

```
display: inline-block;
```

```
font-size: 10px;
```

```
margin: 4px, 2px;
```

```
cursor: pointer;
```

```
}
```

Result : The program has been executed  
and the output was verified.

Output

⑧ Registration Page ✘

REGISTRATION FORM

First name

Last name

Course

Course ✓

Gender

Male

Female

Other

Phone :

+91

Email :

Password :

Re-type password :

## Program No: 19

Aim: HTML program to implement the concept of onclick.

## PROGRAM:

```
<html>
<head>
<script language = "Javascript"
          type = "text/javascript">
function fun ()
{
    document.write ("Hello! How are you"),
}
</script>
</head>
<body> <form>
<input type = "button" onclick = "fun ()"
           value = "Say Hello"
</form>
</body>
</html>
```

Result: The program has been executed  
and the output was verified.

Output

8 Encabez.html x

say hello

## Program No: 20

Q1: HTML program for multiplying 2 numbers using function

### PROGRAM:

```
<html>
<head>
<script language="JavaScript" type="text/JavaScript">
var x = mul(2, x),
document.write(x)
</Script>
<body>
</html>
```

Result: The program has been edited and the output was verified.

Output

8 mul function.html. x

16

## Program No : 21

AIM : HTML program to implement the array concept.

## PROGRAM :-

```
<html>
  <body>
    <p id = "demo"> </p>
    <script language = "Javascript"
      type = "text / Javascript" >
      var x = ["volkswagen", "honda", "tata", "apple"];
      var z = x.length;
      document . get Element ById ("demo").
        innerHTML = x[0];
      document . write [z];
      var y = x. sort ();
      document . get Element ById ("demo").
        innerHTML = y;
    </script>
  </body> </html>
```

Result : The program has been executed  
and the output was verified.

Output:

8. Array-  
intial x |

apple , honda, volkswagen, tata

4 .

Program No: 22

AIM: HTML program to implement input function.

PROGRAM:

```
<html>
  <body>
    <button onclick="fun()"> Your name </button>
    <p id = "demo" > </p>

    <script language = "Javascript"
            type = "text/Javascript">
      function fun()
      {
        var p = Prompt ("enter your name:", "male");
        if (p != null)
        {
          document.getElementById ("demo").innerHTML = "Hello " + p +
            " how are you ?";
        }
      }
    </script>
```

< /Script >

< /Body >

< /html >

Result : The program has been Executed  
and the output was verified.

Output

Input Function.html \*

Your name

Hello Amala how are you?

This page says  
enter your name

Amala

Ok

Panel

Program No : 23

AIM : HTML program to create a list  
Using Javascript.

PROGRAM :

<html>

<body>

<p id = "demo"></p>

<script language = "JavaScript"

type = "text/JavaScript">

Var x = ["Ferrari", "XUV", "Honda", "Tata", "Fiat"];

Var t = " ";

Var i ;

for (i = 0; i < x.length; i++)

{

    t += "<i>" + x[i] + "</i>"

}

document.write(getElementById("demo"))  
                .innerHTML = t;

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

Result : The program executed and the output was verified

## Output

⑧ list acid.html X

- Ferrari
- XUV
- Honda
- Tata
- Fiat

Program No: 24

SUM : HTML program to perform some functions on list.

PROGRAM:

```

<html>
<body>
<p id = "demo"></p>
<script language = "JavaScript"
          type = "text/JavaScript">
var x = ["apple", "Banana", "Mango"]
var z = ["brinjal", "potato", "Onion"]

x.push ("lemon");
x[x.length] = "chikku";
x[3] = "watermelon";
x.pop();
x.shift();
x.unshift ("orange");
x.splice (2,0,"chikku","kiwi");
x.reverse ();

```

var y = x.toString();

var a = x.concat(b);

document.getElementById("demo")

- innerHTML = x.toString();

document.getElementById("demo")

- innerHTML = x[0];

document.getElementById("demo")

- innerHTML = y[0];

document.getElementById("demo")

- innerHTML = x;

document.getElementById("demo")

- innerHTML = a;

<script>

a1 Body

</html>

Result : The program has been  
executed and the output  
was verified.

## Output

list ads.html x

Watermelon, Mango, Kiwi, chikku, banana,  
orange, brinjal, potato, Onion.

Program No: 25

AIM: Write a HTML code to find the even number from 1 to 100 using Javascript?

PROGRAM:

```
<html>
<body>
<script language = "Javascript" type = "text/javascript">
Var i
for (i = 1 ; i <= 100 ; i++)
if (i % 2 == 0)
document.write (i + " <br>")
</script>
</body>
</html>
```

Result: The program has been executed  
and output is verified.

Output

2	48	91
4	50	94
6	54	98
8	59	100
10	56	
12	58	
14	60	
16	62	
18	64	
20	66	
22	68	
24	70	
26	72	
28	74	
30	76	
32	78	
34	80	
36	82	
38	84	
40	86	
42	88	
44	90	
46	92	

## Program No: 26

AIM : Write a html code to find the count numbers of letters in a given string.

### PROGRAM :

```
<html>
<head>
</head>
<body>
<script language = "Javascript" type = "text/Javascript">
function char - count (str, letter)
{
    var letter - count = 0;
    for (var position = 0; position < str.length; position++)
    {
        if (str.charAt(position) == letter)
        {
            letter - count + = 1;
        }
    }
    return letter - count;
}
```

Draft

X  
Welcome to kate's blog nice to meet you  
5

Program No : 27

AIM : Write a HTML code to find the prime number between 1 - 100.

PROGRAM :

```
<html>
<body>
<Script lang="Javascript" type="text/Javascript">
function check_prime_number(n)
{
    for (c = 2; c <= n - 1; c++)
    {
        if (n % c == 0)
        {
            return false;
        }
        return false;
    }
}
function printprimeNumber(number)
{
    if (check_prime_number(number) == true)
    {
}
```

document.write("number + " is prime number  
<br>");  
}  
else

{  
document.write("number + " Not prime number");  
}  
}  
}

function Prime number (range)

{  
for(i=1 ; i < range ; i++)

{  
Printprime number (i);  
}  
}

Var max number = 100;

Print number (max number);

< [Script]>  
< [body]>  
< [html]>

Result : The program is executed and  
output is verified.

## Output

3 is Prime number

5 is Prime number

7 is Prime number

11 is Prime number

13 is Prime number

17 is Prime number

19 is Prime number

23 is Prime number

29 is Prime number

31 is Prime number

33 is Prime number

37 is Prime number

41 is Prime number

43 is Prime number

47 is Prime number

49 is Prime number

53 is Prime number

59 is Prime number

61 is Prime number

67 is Prime number

71 is Prime number

41 is Prime number.

51 is Prime number.

53 is Prime number.

55 is Prime number.

57 is Prime number.

59 is Prime number.

61 is Prime number.

63 is Prime number.

65 is Prime number.

67 is Prime number.

69 is Prime number.

71 is Prime number.

73 is Prime number.

75 is Prime number.

77 is Prime number.

79 is Prime number.

81 is Prime number.

83 is Prime number.

85 is Prime number.

87 is Prime number.

91 is Prime number.

93 is Prime number.

95 is Prime number.

97 is Prime number.

99 is Prime number.

Program No: 28

AIM : Generates a calendar using Javascript  
by getting year from a user?

PROGRAM :

html page

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF - 8">
    <title> Calendar </title>
    <meta name = "viewport" content = "width =
        device - width, initial - scale
        - 1, shrink to - fit = no">
    <link rel = "stylesheet" href = "https://bootstrap-
        min.css">
</head>
<style>
    * {
        background - color : rgba(255, 0, 0, 0.76);
        color : white;
    }

```

• reset Days

background-color: rgba(0, 119, 259, 0.767);  
color: white;

< /style >

< /body >

< div class = "Container col-sm-4  
col-md-7 col-lg-4 mt-5" >

< div class = "card" >

< b3 class = "card-header" id = "month And Year" >  
< /b3 >

< table class = "table table-bordered  
table-responsive-sm" id = "calendar" >

< /head >

< tr >

< th class = "sun" style = "border-top-left-  
radius: 15px; > sun < /th >

< th class = "reset Days" > Mon < /th >

< th class = "reset Days" > Tue < /th >

< th class = "reset Days" > Wed < /th >

< th class = "reset Days" > Thu < /th >

< th class = "reset Days" > Fri < /th >

< th class = "reset Days"

style = "border-top-right-radius:

```
15px;">> Set </th>
</tr>
</thead>
</table>
<div class="form-inline">
<button class="btn btn-outline-success
col-sm-6"
style="border-radius: 15px;">
</button>

<form class="form-inline">
<label class="lead mr-2ml-2"
for="month">
    Jan to </label>
<select class="form-control col-sm-4"
name="month"
id="month" id="month" onchange="jump(<
    <option value=0>Jan </option>
    <option value=1>Feb </option>
    <option value=2>Mar </option>
    <option value=3>Apr </option>
    <option value=4>May </option>
```

```
<option value = "5"> Jun </option>
<option value = "6"> Jul </option>
<option value = "7"> Aug </option>
<option value = "8"> Sep </option>
<option value = "9"> Oct </option>
<option value = "10"> Nov </option>
<option value = "11"> Dec </option>
</select>
<label for = "Year"> </label>
<select class = "form-control col-sm-4"
       name = "Year" id = "Year"
       onchange = "Jnspl()">
<option value = "2021"> 2021 </option>
<option value = "2022"> 2022 </option>
<option value = "2023"> 2023 </option>
<option value = "2024"> 2024 </option>
<option value = "2025"> 2025 </option>
<option value = "2026"> 2026 </option>
<option value = "2027"> 2027 </option>
</select>
</form>
</div>
</div>
```

```
<Script> src = "cal.js" </script>
</body>
</html>
```

## JavaScript Page

```
let today = new Date();
let currentMonth = today.getMonth();
let currentYear = today.getFullYear();
let selectYear = document.getElementById("year");
let selectMonth = document.getElementById("month");

<div class = "card" >
<b> class = "card__header" id = "monthAndYear" </b>
<table class = "table table-bordered table-responsive-sm" id = "calendar" >
<thead>
<tr>
<th class = "sun" style = "border-top-left-radius: 15px;"> Sun </th>
<th class = "restDays"> Mon </th>
<th class = "restDays"> Tue </th>
<th class = "restDays"> Wed </th>
<th class = "restDays"> Thu </th>
```

```
let Months = ["January", "February", "March", "April",
    "May", "June", "July", "August",
    "September", "October", "November",
    "December"]
```

```
let MonthAndYear = document.getElementById("MonthAndYear");
```

```
ShowCalender (currentMonth, currentYear);
```

```
function ShowCalender (month, year)
```

```
{
```

```
let firstDay = (new Date (year, month)).getDay();
```

```
let dayInMonth = 32; new Date (year, month, 32).getDate();
```

```
let tbl = document.getElementById("CalendarBlock");
```

```
tbl.innerHTML = " ";
```

```
MonthAndYear.innerHTML = Months[month] + " " + year;
```

```
SelectYear.value = year;
```

```
SelectMonth.value = month;
```

```
let date = 1;
```

```
for (let i = 0; i < 7; i++)
```

```
{
```

```
let row = document.createElement("tr");
```

```
for (let i = 0; i < 7; i++)
```

{

```
if (i === 0 || i === 2) firstDay)
```

{

```
let cell = document.createElement("td");
```

```
let cellText = document.createTextNode(" ");
```

```
cell.appendChild(cellText);
```

```
row.appendChild(cell);
```

{

```
else if (date > daysInMonth)
```

{

```
break;
```

}

```
else
```

{

```
let cell = document.createElement("td");
```

```
let cellText = document.createTextNode(date);
```

```
if (date === today.getDate() && year === today.getFullYear())
```

```
getFullYear()
```

```
&& Month === today.getMonth())
```

}

```
cell.classList.add("by-info");
```

{

```
cell.append child (cellText);
```

```
row.append child (cell);
```

```
date ++;
```

```
}
```

```
}
```

```
tbl.append child (rows);
```

```
}
```

```
}
```

Result : The program is executed and  
Output is Verified.

Output

September 2024.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Program No : 29

AIM : Create an HTML page to calculate the total marks of a student by getting marks of 5 subjects from the user  
And then show the total marks to the user.

PROGRAM :

```
<html>
<head>
<title> Enter Marks </title>
<script type = "text/javascript">
function Submit_marks()
{
}
```

```
var sub_1 = ParseInt(document.getElementById('s1').value);
var sub_2 = ParseInt(document.getElementById('s2').value);
var sub_3 = ParseInt(document.getElementById('s3').value);
var sub_4 = ParseInt(document.getElementById('s4').value);
var sub_5 = ParseInt(document.getElementById('s5').value);
```

```
var total = sub_1 + sub_2 + sub_3 + sub_4 + sub_5;
```

document.getElementById("demo").innerHTML  
• Your total marks : " + total ;  
}

</script>

</head>

<body style="color = "white">  
<center>

<h1> Enter Student Marks </h1>

<input type = "text" id = "s1" placeholder =

" Enter English Marks " > <br> <br>

<input type = "text" id = "s2" placeholder =  
" Enter python marks " > <br> <br>

<input type = "text" id = "s3" placeholder =

" Enter Software Engineering mark " > <br> <br>

<input type = "text" id = "s4" placeholder =

" Enter Digital fundamental mark " > <br> <br>

<input type = "text" id = "s5" placeholder =

" Enter Maths Marks " > <br> <br>

<input type = "button" onclick = "submit\_marks()">

<div id = "demo">

</div>

</center>

</body>

</html>

Result : The program is executed and output is verified.

Output

	x
Enter Student Marks	
90	
80	
60	
70	
60	
Submit	
Your Total Marks 360	

Page No : 30

AIM : Build a PHP code to store name of Indian Cricket players in an array and display the same in html.

PROGRAM :

```
<html>
<head>
<title> Indian Cricket </title>
</head>
<body>
<div id = "page-wrap">
<center> <h1> Indian Cricket </h1>
</center>
<center>

<form action = "printname.php" Method = "Post">
<input type = "text" name = "pname" id = "pname"
placeholder = "Enter the player name" /> <br> <br>
<input type = "text" name = "pname" id = "pname"
placeholder = "Enter the player name" /> <br> <br>
```

```
<input type = "text" name = "pname3" id = "pname3"
placeholder = "Enter the player name" /><br><br>
<input type = "text" name = "pname4" id = "pname4"
placeholder = "Enter the player name" /><br><br>
<input type = "text" name = "pname5" id = "pname5"
placeholder = "Enter the player name" /><br><br>

<input type = "submit" name = "Submit"
value = "Submit">

</form>
</center>
</div>
</body>
</html>
```

Output

Indian Cricket

Virat Kohli

Sachin

Dhoni

Sanju Samson

Umesh Singh.

Submit

x

ID	Name
1	Virat Kohli
2	Sachin
3	Dhoni
4	Sanju Samson
5	Umesh Singh.

## Program No: 3)

AIM: Compose electricity bill from user input based on a given tariff - PHP

## PROGRAM:

&lt;html&gt;

&lt;head&gt;

&lt;title&gt; Php - Calculate Electricity Bill &lt;/title&gt;

&lt;/head&gt;

&lt;?php

\$ result - str = \$ result = " ;

If (isSet (\$\_POST['unit submit']))

{

\$ units = \$\_POST['units'];

If (!empty (\$units))

{

\$ result = calculate\_bill (\$units);

\$ result - str = Total amount of '\$unit  
\$ result;

}

{

function calculate\_bill(\$units)

{  
    \$unit\_cost\_first = 3.50;  
    \$unit\_cost\_second = 4.00;  
    \$unit\_cost\_third = 5.20;  
    \$unit\_cost\_fourth = 6.50;

    if (\$units <= 50)

{

        \$bill = \$units \* \$unit\_cost\_first;  
        \$remaining\_units = \$units - 50;  
        \$unit\_cost\_fourth = 6.50;

    if (\$units >= 50)

{

        \$bill = \$units \* \$unit\_cost\_first;

}

    else if (\$unit > 50 & \$unit <= 100)

{

        \$temp = 50 \* \$unit\_cost\_first;  
        \$remaining\_units = \$unit - 50;  
        \$bill = \$temp + (\$remaining\_units  
                  \* \$unit\_cost\_second);

{

```
else if ($units > 100 & $unit <= 200)
{
```

```
    $temp = (50 * 3.5) + (100 * $unit - cost-second);
    $remaining - units - $unit = 150;
    $bill = $temp + ($remaining - units * $units -
                      cost - third);
```

{

else

{

```
    $temp = (50 * 3.5) + (100 * $unit - cost-second)
           + 150 * $unit - cost - third;
    $remaining - units - $units - 250;
    $bill = $temp + ($remaining - units * $units -
                      cost - fourth);
```

{

```
    return number - format((float)$bill, 2, 1, ",");
```

{

! &gt;

&lt; body &gt;

&lt; div id = "page-wrap" &gt;

&lt; center &gt; &lt; h1 &gt;

PHP-Calculate Electricity Bill&lt;/h1&gt;

&lt; /center &gt;

page - ?.

? PHP

```
$name 1 = $ - POST ['Pname1'];
$name 2 = $ - POST ['Pname2'];
$name 3 = $ - POST ['Pname3'];
$name 4 = $ - POST ['Pname4'];
$name 5 = $ - POST ['Pname5'];
```

\$ MyArray = Array [\$name1, \$name2, \$name3,
 \$name4, \$name5] ? ?

```
<table border = '1' >
<tr >
<th> | d </th>
<th> Name </th>
</tr> <? PHP >
$ a = 1;
```

for (\$i = 0; \$i < 5; i++)

\$

? >

<tr >

```
<td> < ? php echo $x ;?> , 1
```

```
< ? Php $ ++ ;
```

```
{ ? >
```

```
/table >
```

Result : The program has been executed  
and output verified.

Output

Php - Valmikte Electricity Bill

please enter no. of units

500units

Total Amount of ₱ - 21.00

Program No.: ~~38~~ 39

AIM: Outlines a registration form using php  
and do necessary validation.

PROGRAM:

```
<html>
<head>
<title> Form </title>
<Style>
    .MyDiv
    {
        border : 5px outset red ;
        background - colors : pink ;
        text - align : center ;
    }
</style>
</head>
<body>
<div class = "MyDiv">
<div class = "Container">
<center><h1> Form </h1></center>
```

```
<Form action="Register1.php" Method="post">
<br>
<br>
<div class="col -75">
    name : <input type="text" name="name"
    required >
</div>
</div>
<div class="col +75">
    else
    {
        echo = "Error: ", $sql, <br>, $conn->error;
    }
? >
<table <tr>
    <th> name <td> <td> address <td>
    <td> phone <td> <td> Country <td>
    <td> Preferred <td>
</tr>
<?php
    while ($row = mysqli_fetch_array($result))
    {
        ? >
    }
</tr>
```

```

<td><?php echo $row["name"]; ?></td>
<td><?php echo $row["address"]; ?></td>
<td><?php echo $row["phone"]; ?></td>
<td><?php echo $row["country"]; ?></td>
<td><?php echo $row["password"]; ?></td>
</tr>
<?php>

```

3

?&gt;

&lt;/table&gt;

&lt;/body&gt;

&lt;/html&gt;

## Register - Page

&lt;html&gt;

&lt;?php

```

$conn = mysqli_connect("localhost", "root",
                      "webpage");

```

?&gt;

&lt;h1&gt; Welcome to new page &lt;/h1&gt;

&lt;?php&gt;

```

$name = $_POST['name'];

```

```

$address = $_POST['address'];

```

```

$Phone = $_POST['Phone'];

```

PRACTICE  
QSR

\$ country = \$ - POST["country"];  
\$ password = \$ - POST["password"];  
  
\$ sql = "Insert into regt (name, address,  
phone, country, password) value  
('\$ name', '\$ address', '\$ phone',  
'\$ country', '\$ password')";

Mysqli - query (\$ conn - \$sql);

? >

< /html >

Result : The program has been executed  
and output is verified.

## Output

### FORM

Name :	<input type="text"/>
Address :	<input type="text"/>
Phone :	<input type="text"/>
Country :	<input type="text"/>
Password :	<input type="text"/>

Rows found : 3

Name	Address	Phone	Country	Passwd
Bright	Habour	5678986	India	@123
christy	J villa	919991	India	199587

## Program No: 33 3.3

**AIM:** Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

### PROGRAM:

```

<html>
  <body>
    <form action="web1.php" method="post">
      <input type="text" name="roll"> <br>
      age: <input type="text" name="Age"> <br>
      Name: <input type="text" name="name"> <br>
      <input type="submit" />
    </form>
<?php
$conn = mysqli_connect("localhost", "root", "", "Webpage");
$sql = "select roll, name, age, gender from
        table";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0)
  echo mysqli_num_rows($result); "Rows found";
?>
```

<table> <tr>

<td> 2011 <td> <td> name <td> <td> age <td>

<td> gender <td>

<br>

<?php >

while (\$row = mysqli\_fetch\_array(\$result))  
{  
 ?>

<tr>

<td> <?php echo \$row["2011"]; ?> <td>

## Output

Roll : Age : Name : Gender : 

Submit

3 rows found !

Row	Name	Age	Gender
101	Saint	Age below 28	Male
102	Shaz	Age below 28	Male
103	fathima	Age below 28	Female

Program No : 39

AIM : Build a PHP code to store name of the students in an array and display it using print\_r function. Sort and display the same using assert & assert function.

PROGRAM :

```
<html>
<head>
<style>
<body>
{
    text-align: center;
    border: 1px solid black;
    background-color: #00FFFF;
    font-style: oblique;
}
</style>
<h1>
</h1>
<br>
<br>
```

<Center> <br> < /center> < /center>  
 < ?php >

```
? name = array ('Alen', 'Rehmi', 'Aneta', 'Iabet',
  'Justyna');
```

```
echo "<br>";
```

```
print_r($name);
```

```
echo "<br>";
```

```
echo " Sorted Array (using array);
```

```
echo "<br>";
```

```
foreach ($name as $n => $n -> value)
```

```
{
```

```
echo " key = ". $n . " value = ". $n -> value;
```

```
echo "<br>";
```

```
}
```

```
arost ($name);
```

```
echo "<br>";
```

```
echo " Sorted Array (using - arsort);
```

```
echo "<br>";
```

```
foreach ($name as $n => $n -> value)
```

```
{
```

```
echo " key = ". $n . " value = ". $n -> value;
```

```
echo "<br>";
```

```
}
```

```
? >
```

</body>

</style>

</html>

Result : The program has been executed  
And output is received.

## Output

### Insert & Ansart

Array [0]  $\Rightarrow$  Alen [1]  $\Rightarrow$  Reshma [2]  $\Rightarrow$  Anwesha [3]  $\Rightarrow$   
Labet [4]  $\Rightarrow$  Justine [5]

Sorted Array (using insert):

key = 1 value = Reshma

key = 0 value = Alen

key = 2 value = Anwesha

key = 4 value = Justine

key = 5 value = Labet

Sorted Array (using assort):

key 3 ; value = Labet

key = 4 ; value = Justine

key = 2 ; value = Anwesha

key = 0 ; value = Alen

key = 1 ; value = Reshma