

Program 21

Aim: Write a html code to find the even numbers 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.

oG morph

Output

reduces out precipitin w/ ref morphing JMMI and
outcast group

2	64
4	66
6	68
8	70
10	72
12	74
14	76
16	78
18	80
20	82
22	84
24	86
26	88
28	90
30	92
32	94
34	96
36	98
38	100

morph

{ / mouth }

{ beard }

(d,p) from outcast

{ d no mouth }

{ }

{ beard } < face >

{ phob }

(8,6) from = x ref

(d) shrew, tommie

{ face }

{ phob }

{ mouth }

: Huie

different word and

morphing set

diff from before

morphing set

diff from before

morphing set

Program 22

Aim: Write a html code to find the count number of letters in a given string.

Program

```
<html>
<head>
</head>
<body>
<script language="JavaScript" type="text/JavaScript">
function charCount(str, letter)
{
    var letterCount = 0;
    for (var position = 0; position < str.length; position++)
    {
        if (str.charAt(position) == letter)
        {
            letterCount += 1;
        }
    }
    document.write("welcome to ooty nice to meet you");
    document.write(charCount('welcome to ooty nice to
                           meet you', 'e'));
}
</script>
</body>
</html>
```

Result

The program has been executed and output is verified.

Output

! So company

Business with lots of other people in the same
or having been one of them

welcome to Ooty nice to meet you 5

company

<Starts

<pubad

<HMI

(+i;001=+i;j=1)+

(0=0d01)+

(2nd>+1) start, because

<begin>

<pubad>

<End>

<End>

So I have to change mind and working at

Program 23

Aim: Write a html code to find the prime number between 1 to 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;
        }
    }
}
function print prime number (number)
{
    if (check prime number (number) == true)
    {
        document.write(number + " is prime number <br/>");
    }
    else
    {
        document.write(number + " is not prime number");
    }
}
function printnumber (range)
```

```
{  
    for(i=1; i<range ; i++)  
    {  
        pointprimeNumber(i);  
    }  
}  
  
Var maxnumber =100;  
print number(max number);  
</script>  
</body>  
</html>
```

Result

The program is executed and the output is verified.

Output

3 is a prime number

5 is a prime number

7 is a prime number

9 is a prime number

11 is a prime number

13 is a prime number

15 is a prime number

17 is a prime number

19

21

23

25

27

29

31

33

35

37

39

41

43

47

49

51

53 is a prime number

55 is a prime number

57 " composite

59 " " prime

61 " " prime

63 " " composite

65 " " composite

67 " " prime

69 " " composite

71 " " prime

73 " " prime

75 " " composite

77 " " composite

79 " " prime

81 " " composite

83 " " prime

85 " " composite

87 " " composite

89 " " prime

91 " " prime

93 " " prime

95 " " composite

97 " " prime

99 " " composite

Composite
< prime
< odd
< even

Program 24

Aim: Generate a calendar using Javascript by getting year from user.

program

```
<html>
<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.main.css">
</head>
<style>
    .sun {
        background-color: rgba(255, 0, 0, 0.76);
        color: white;
    }
    .restDays {
        background-color: rgba(0, 119, 255, 0.767);
        color: white;
    }
</style>
<body>
<div class = "container col-sm-4 col-md-7 col-lg-11 mt-5">
    <div class = "card">
```

```
<b> class = "card_header" id = "month And year" </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>
<th class = "restDays" > Fri </th>
<th class = "restDays" style = "border-top-right-radius: 15px;" >
    Sat </th>
</tr>
<thead>
<tbody id = "Calendar-body" >
</tbody>
</table>
<div class = "form-inline" >
    <button class = "btn btn-outline-success col-sm-6" style = "border-bottom-left-radius: 15px;" > </button>
    <form class = "form-inline" >
        <label class = "lead mr-2 ml-2" for = "month" > Jump 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="jump()">
<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');
let Months = ["January", "February", "March", "April",
              "May", "June", "July", "August", "September", "October"];
```

"November", "December"]

let Month And Year = document. get Element By Id
("month And Year");

Show Calendar (Current Month, year);

functions Show Calendar (month, year)

{
let first Day = (new Date (year, month)). get Day ();
let day10Month = 32. new Date (year, month, 32). get Date ();
let tbl = document. get Element By Id ("Calendar-body");
tbl. innerHTML = "";
month And Year. innerHTML = months [month] + " " + year;
select Year. Value = year;
Select month. Value = month;
let date = 1;
for (let i = 0; i < i; i++)

{
let row = document. Create Element ("tr");

for (let j = 0; j < 7; j++)

{
if (i = -0 && < first Day)

{
let cell = document. Create Element ("td");

let cellText = document. Create Text Node (" ");

cell. append Child (cellText);

row. append Child (cell);

else if (date > daysInMonth) {

{
break;

g

else {

let cell = document. Create Element ("td");

let cellText = document. Create Text Node (" date");

```
if(date == today.getDate() && year == today.getFullYear()  
    && month == today.getMonth());  
{  
    cell.classList.add("bg-info");  
    cell.appendChild(cellText);  
    row.appendChild(cell);  
    date++;  
}  
tbl.appendChild(row);  
}
```

Result

The program is executed and output is verified.

Output

Correspondence

(1) Relationship

September 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7 (bed)
8	9	10	11	12	13	14 (bed)
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					31 (bed)

Relationships are reflected on the calendar in response to

Program 25

Aim: Create a 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 Mark </title>
<script type = "text/javascript">
function submit_marks ()
{
    Var sub1 = parseInt(document.getElementById('s1').value);
    Var sub2 = parseInt(document.getElementById('s2').value);
    Var sub3 = parseInt(document.getElementById('s3').value);
    Var sub4 = parseInt(document.getElementById('s4').value);
    Var sub5 = parseInt(document.getElementById('s5').value);
    Var total = sub1 + sub2 + sub3 + sub4 + sub5;
    document.getElementById("demo").innerHTML = "your
                                                total marks : "+total;
}
</script>
</head>
<body style="color: orange">
<center>
    <b> Enter student mark </b>
    <input type="text" id="s1" placeholder="Enter English Mark"
           ><br><br>
    <input type="text" id="s2" placeholder="Enter python Mark"
           ><br><br>
```

```
<input type="text" id="s3" placeholder="Enter software  
Engineering mark"><br><br>  
<input type="text" id="s4" placeholder="Enter Digital mark">  
<br><br>  
<input type="text" id="s5" placeholder="Enter Maths  
marks"><br><br>  
<input type="submit" onclick="submit_marks()">  
<div id="demo0"></div>  
</center>  
</body>  
</html>
```

Result

The program is executed and the output is verified.

Output

Enter Student Marks

Submit

Your total mark : 360

Program 26

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="pname1" id="pname1" placeholder="Enter the player name" /><br><br>
            <input type="text" name="pname2" id="pname2" 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>
```

Page -2

```
<?php
$name1 = $_POST['pname1'];
$name2 = $_POST['pname2'];
$name3 = $_POST['pname3'];
$name4 = $_POST['pname4'];
$name5 = $_POST['pname5'];
$myArray = Array ($name1, $name2, $name3, $name4,
                  $name5) ?>





```

Result

The program has executed and output is verified.

Output

Indian Cricket

Dhoni

Yuvraj

Sachin

Rohith

Sewahg

Submit

Id	Name
1	Dhoni
2	Yuvraj
3	Sachin
4	Rohith
5	Sewahg

Program 27

Aim: Compose electricity bill form user input based on a given tariff using php

Program

```
<html>
<head>
<title>php - calculate Electricity bill </title>
</head>
<?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;
    $unit_cost_fourth = 6.50;
    if ($unit <= 50)
    {
        $bill = $unit * $unit_cost_first;
        $remaining_units = $units - 50;
        $unit_cost_fourth = 6.50;
    }
}
```

```
if ($units <= 50)
{
    $bill = $units * $unit_cost_first;
}

else if ($unit > 50 && $units <= 100)
{
    $temp = 50 * $unit_cost_first;
    $remaining_units = $unit - 50;
    $bill = $temp + ($remaining_units * $unit_cost_second);
}

else if ($unit > 100 && $unit <= 200)
{
    $temp = (50 * 3.5) + (100 * $unit_cost_second);
    $remaining_units = $unit - 150;
    $bill = $temp + ($remaining_units * $unit_cost_third);
}

else
{
    $temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
    $remaining_units = $units - 250;
    $bill = $temp + ($remaining_units * $unit_cost_fourth);
}

return number_format((float)$bill, 2, ',', ',');
}
```

1>

```
<body>
<div id="page-wrap">
<center><h1>php-calculate Electricity Bill </h1>
</center>
```

```
<body bgcolor = "green">
</center>
<form action = "method = post" id = "quiz_form">
<center><input type = "number" name = "unit" id = "units"
placeholder = "please enter no. of units"/></center>
</form>
</center>
<div>
<?php echo '<br/>'; $result -> ?>
</div>
</div>
</tr>
</Table>
</body>
</html>
```

Result

The program has been executed and output is verified.

Output

PHP - Calculate Electricity Bill

Please enter no. of units

Submit

Total amount of 6 - 21.00

Program 28

Aim: Outline a register form using php and do necessary validation.

Program

```
<html>
<head>
<title> Form </title>
<style>
    MyDiv
    {
        border: 5px outset red;
        background-color: light blue;
        text-align: center;
    }
</style>
</head>
<body>
<div class = "myDiv">
<div class = "container">
    <center><b>form</b></center>
<form action = "register1.php" method = "post">
    <br>
    <br>
    <div class = "col-75">
        name: <input type = "text" name = "name" required> <br>
        <div>
        </div>
    <div class = "col-75">
```

```
address:<input type="text" name="address" required><br>
<div>
<br>
<div class="col-75">
phone:<input type="text" name="phone" required ><br>
</div>
<br>
<div class="col-75">
country:<input type="text" name="country" required ><br>
</div>
<br>
<input type="submit" value="Submit" />
</form>
</div>
<?php
$conn=mysqli_connect("localhost","root","","webpage");
$sql="select name,address,phone,country,password
from reg1";
$result=mysqli_query($conn,$sql);
if(mysqli_num_rows($result)>0)
echo mysqli_num_rows($result)." Rows found!";
if($conn->query($sql)==True)
echo "<script> alert('Registered Successfully')</script>";
header("location: login1.php");
else
echo "error: " . $sql . "<br>" . $conn->error;
```

```
?>
<table><tr>
<td>name</td> <td>address</td> <td>phone </td> <td>
country </td> <td>password</td>
</tr>
<?php
while ($row=mysqli_fetch_assoc($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
}
?>
</table>
</body>
</html>
```

Register Page

```
<html>
<?php
$conn=mysqli_connect("localhost","root","","webpage");
?>
<h1>Welcome to new page </h1>
<?php
```

```
$name = $_POST['name'];
$address = $_POST['address'];
$phone = $_POST['phone'];
$country = $_POST['country'];
$password = $_POST['Password'];
$sql = "Insert into reg1 (name, address, phone, country,
password) values ('$name', '$address', '$phone',
'$country', '$password')";
mysqli_query($conn, $sql);
?>
</html>
```

Result

The program has been executed and output is verified.

Output

<"input" - value="abc"> <input" - value="xyz">

<"input" type="text" value="abc"> <input" type="text" value="xyz">

form

Name :

Address :
 address

Phone :

Country :

Password :

Rows founds

name	address	phone	country	password
ashiq	UAE	2255	India	1245
arrow	kochi	4567	India	0108

Program 29

Aim: To 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">
roll : <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 table1";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0)
echo mysqli_num_rows($result) "Rows found ";
<table><tr>
<td> roll </td> <td> name </td> <td> age </td> <td> gender </td>
</tr>
<?php
while ($row = mysqli_fetch_assoc($result))
?
<tr>
<td> <?php echo $row ["roll"]; ?> </td>
<td> <?php echo $row ["name"]; ?> </td>
```

```
<td><?php if ($row["age"] > 28) echo $row["age"];  
else echo "Age below 28";?></td>  
<td><?php echo $row["gender"];?></td>  
<br>  
<?php  
}?>  
</table>  
</body>  
</html>
```

web page

```
<html>  
<?php  
<$conn=mysqli_connect ("localhost", "root", "", "webpage");  
?>  
<b>Welcome to new page </b>  
<?php  
$roll=$_POST['roll'];  
$name=$_POST['name'];  
$gender=$_POST['gender'];  
$age=$_POST['age'];  
$sql="Insert into table 1 (roll, name, age, gender)  
values ('$roll', '$name', '$age', '$gender')";  
mysqli_query($conn, $sql);  
?>  
</html>
```

Result

The program has been executed and output is verified.

Output

```
[{"roll": 1, "name": "John", "age": 22, "gender": "Male"},  
 {"roll": 2, "name": "Peter", "age": 24, "gender": "Male"},  
 {"roll": 3, "name": "Paul", "age": 23, "gender": "Male"}]
```

roll

age

Name

gender

Submit

Address is fugitive from Justice and no memory of
3 rows found

roll

name

age

gender

1

Appy

Age below 28

Male

2

Ashi

Age below 28

Male

3

Ammu

Age below 28

Female

Program 30

Aim : Build a php code to store name of students in an array and display it using print_r function, sort and display the same using asort & aasort functions.

Program

```
<html>
<head>
<style>
body
{ text-align:center;
  border: inset;
  background-color: #017572;
  font-style: oblique;
}
</style>
</head>
<body>
<br>
<br>
<center><h1> Asort & Aasort </center>
<?php
$name = array ('Ashique', 'Aswin', 'Athul', 'Amal', 'Kichu');
$name =
echo "<br>";
print_r($name);
echo "<br>";
echo "sorted Array (using asort):";
echo "<br>";
for each ($name as $x => $x - value)
```

```
{  
    echo "key = \"$x\", value = \"$x-value\";  
    echo "<br>";  
}  
asort ($name);  
echo "<br>";  
echo "sorted Array (using arraysort): \"\"";  
echo "<br>";  
for each ($name as $x => $x-value)  
{  
    echo "key = \"$x\", value = \"$x-value\";  
    echo "<br>";  
}  
?  
</body>  
</style>  
</html>
```

Result

The program has been executed and output is verified.

Output
Arwin & Athul & Ashique & Kichu

Array [0] \Rightarrow Ashique \Rightarrow Arwin \Rightarrow Athul \Rightarrow
Array [1] \Rightarrow Arwin \Rightarrow Athul \Rightarrow
Array [2] \Rightarrow Athul \Rightarrow
Array [3] \Rightarrow Kichu

Sorted array (using a sort):

Key = 3 Value = Amal

Key = 0 Value = Ashique

Key = 1 Value = Arwin

Key = 2 Value = Athul

Key = 4 Value = Kichu

Sorted array (using a sort):

Key = 4 Value = Kichu

Key = 2 Value = Athul

Key = 1 Value = Arwin

Key = 0 Value = Ashique

Key = 3 Value = Amal