

program NO : Q

Aim: Write programs to implement the array concept

<html>

<body>

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

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

var x = ["maruti", "honda", "tata", "apple"],

var z = x.length;

document.createElement("p").innerHTML = "Length of array is " + z;

document.body.appendChild(z);

var y = x[3],

document.createElement("p").innerHTML = y;

</script>

</body>

</html>

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

apple, honda, masothi, tata

4

Programme. 2.2

Aim : HTML programme to implement input function

<html>

<body>

<button onclick = "run()> your name </button>

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

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

function run()

{

var p = prompt ("Entered your name: ", "Jisha");

if (p != null)

{

document.getElementById ("demo").innerHTML =

"Hello" + p + " how are you?"

}

}

</script>

</body>

</html>

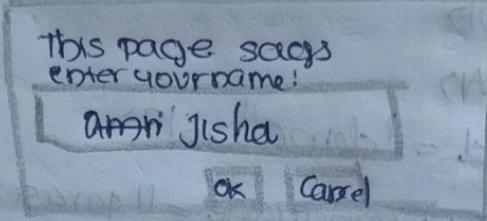
Result: the program has been executed and output was
verified.

OUTPUT

(2: on code page)

enter your name.

Hello Jisha how are you?



[String("Hello", "How", "Are", "You")];

Program NO: 48

Aim: Write a program code to find even numbers

From 1 to 100 using javascript.

<html>

<head>

</head>

<body>

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

for (x=1 ; x<=100 ; x++)

{

if (x%2 == 0)

{

document.write (even number is : " + x + "
")

}

else

{

document.write ("is not an even")

}

{

</script>

</body>

</html>

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

Output

```
even number is:2  
even number is:4  
even number is:8  
even number is:10  
even number is:12  
even number is:14  
even number is:16  
even number is:18  
  
even number is:20  
even number is:22  
even number is:24  
even number is:26  
even number is:28  
even number is:30  
even number is:32  
even number is:34  
  
even number is:36  
even number is:38  
even number is:40  
even number is:42  
even number is:44  
even number is:46  
even number is:48  
even number is:50  
even number is:52  
even number is:54  
number is:56
```

Page 100

Aim: Create a program to print even numbers from 2 to 100.

Controls

chead

chhead

Cbody

Cstart lang

for (x=1; x<=100; x+=2)

{

if (x%2 == 0)

{

document.write(x);

}

else

{

document.write(" ");

}

}

CSC0101

Cbody's

Chtml's

Result: The program successfully prints even numbers from 2 to 100.

Program no: 84

Aim: write a html code to find the number of letters in a given string

<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;

}

}

return letterCount;

}

document.write(charCount("hai hello how are you",

"e"));

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

Result: The program has been executed output is verified -

ANSWER

5

program no: 95

Ques: write a html code to find the prime numbers between
1 to 100

```
<html>
<body>
<script lang="javascript" type="text/javascript">
function checkprime(n)
{
    for (c=2; c<=n-1; c++)
    {
        if (n % c == 0) {
            return false;
        }
        else {
            return true;
        }
    }
    function printprime(numbers)
    {
        if (checkprime(numbers) == true) {
            document.write(numbers + " is prime number and ");
        }
        else {
            document.write(numbers + " is not prime number");
        }
    }
    function printnumbers(range)
    {
        for (a=1; a<range; a++)
        {
            printprime(a);
        }
    }
}
```

```
var maxnumbers = 100;  
point numbers (maxnumbers);  
</script>  
<body>  
</body>
```

Result: the program has been executed and output
is verified

OOP

8 Is a prime number

9 Is a prime number

10 Is a prime number

11 Is a prime number

12 Is a prime number

13 Is a prime number

14 Is a prime number

15 Is a prime number

16 Is a prime number

17 Is a prime number

18 Is a prime number

19 Is a prime number

20 Is a prime number

21 Is a prime number

22 Is a prime number

23 Is a prime number

24 Is a prime number

25 Is a prime number

26 Is a prime number

27 Is a prime number

28 Is a prime number

29 Is a prime number

30 Is a prime number

31 Is a prime number

32 Is a prime number

33 Is a prime number

34 Is a prime number

35 Is a prime number

36 Is a prime number

Bind: write a num

160 100

<control>

2body

<script lang="js">

function checkpoint

g

too CC=0 ; CC=0

g

if (obj.c == 0) {

record false;

g

second true;

g

8 function point

if (checkpoints)

document.write (no

else {

/* document.write

g

function point

too a=1, k=20000

100 points needed

g

3

49 is a prime number
51 is a prime number
53 is a prime number
55 is a prime number
57 is a prime number
59 is a prime number
61 is a prime number
63 is a prime number
65 is a prime number
67 is a prime number
69 is a prime number
71 is a prime number
73 is a prime number
75 is a prime number
77 is a prime number
79 is a prime number
81 is a prime number
83 is a prime number
85 is a prime number
87 is a prime number
89 is a prime number
91 is a prime number
93 is a prime number
95 is a prime number
97 is a prime number

28/09/2019 Page 1

greatest
least
cubes

var maxnumber =
primeNumbers (m
<scope>
<body>
</body>

Result: the program
is verified

Program No. 46

Aim : Create a html page to calculate the total mark of students by getting marks of 5 subjects from the user and show the total marks to the user.

```
<html>
<head>
    <title> Reated marks </title>
<script type = "text/javascript">
function sum()
{
    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;
    document.write(" your total marks : "+total);
}
```

```
<body>
<script>
<head>
<body>
<h1> Enter student's marks </h1>
<input type = "text" id = "s1" placeholder = "Enter English marks" />
<input type = "text" id = "s2" placeholder = "Enter Maths marks" />
<input type = "text" id = "s3" placeholder = "Enter Science marks" />
<input type = "text" id = "s4" placeholder = "Enter Social studies marks" />
<input type = "text" id = "s5" placeholder = "Enter Computer marks" />
<input type = "button" value = "Sum" onclick = "sum()"/>
```

```
<input type="text" id="s0" placeholder="enter python marks">  
class
```

```
<input type="text" id="s3" placeholder="enter sem marks">  
<input type="text" id="s4" placeholder="enter digital
```

and fundamentals marks">

```
<input type="text" id="s5" placeholder="web marks">  
<input type="button" onclick="submit_marks()>
```

```
<div id="demo"></div>
```

```
<center>
```

```
</body>
```

```
</html>
```

Result: The program has been executed and output

verified

OUTPUT

enter english mark

enter python mark

enter se mark

Enter digital mark

web marks

Submit

Program No. 8

Aim: generate a calendar using javascript by getting the date from the user

(HTML)

(style)

#block_content {

display: flex;

justify-content: center;

}

.calendar_content {

margin: 10px; width: 300px; border: 1px solid black; font-size: 10px; text-align: center; border-collapse: collapse; padding: 10px; margin-bottom: 10px; }

}

.calendar {

border: 1px solid black;

border-collapse: collapse;

}

table.selection {

border: 1px solid black;

(style)

(script)

\$(document).ready(function() {

\$("#calendar").

\$("table").click(function(e) {

e.stopPropagation();

\$("#selection").append(\$(e.target).text());

});

});

| MARCH 2021 | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|
| 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 | 31 | | | | |

| JUNE 2021 | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|
| 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 | 31 | | | | |

| SEPTEMBER 2021 | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|
| 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 | 31 | | | | |

| december 2021 | | | | | | |
|---------------|-----|-----|-----|-----|-----|-----|
| 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 |

```

<td> class = "sel col"> enter a year <input id = "year-gen" type = "number" placeholder = "year" > </td> <td>
<td class = "sel20w">

<td colspan = "2" > enter class = "selcol" > <input onclick = "generate()" type = "button" id = "subbt" value = "Generate calendar" > </td> <td>
<td class = "sel20w1">
<td colspan = "2" class = "selcol" > <input type = "button" value = "Reset" id = "resetbt" onclick = "location.reload();" > </td> <td>
<td> <td> <td> <td> <td>
<div id = "block_content" >
<div id = "content0" class = "calendar_content" > </div>
<div id = "content1" class = "calendar_content" > </div>
<div id = "content2" class = "calendar_content" > </div>
<div id = "content3" class = "calendar_content" > </div>
<div id = "content4" class = "calendar_content" > </div>
<div id = "content5" class = "calendar_content" > </div>
<div id = "content6" class = "calendar_content" > </div>
<div id = "content7" class = "calendar_content" > </div>
<div id = "content8" class = "calendar_content" > </div>

```

```
<div id="content" class="calendar_content"></div>
<div id="content" class="calendar_content"></div>
</div>
</body>
</script>

function generate() {
    var year = parseInt(document.getElementById("year").value);
    var difference = new Date();
    var month = 0;
    var day = 1;

    while (month < 12) {
        var monthNames = ["january", "february", "march", "april", "may",
                          "june", "july", "august", "september", "october", "november",
                          "december"];
        var initContent = "<table class='calendar'><tr class='month_name'>" +
            "<th colspan='7'>" + monthNames[month] + "</th><th>year</th>" +
            "</tr><tr><td><td><td><td><td><td><td>" +
            "initContent += "<td class='day_name'><td>sun<td>mon<td>" +
            "<td>tue<td>wed<td>thu<td>fri<td>" +
            "<td>sat<td>(<td>)</td>";
        var date = new Date(year, month);
        var day = date.getDate();
        for (var i = 0; i < day; i++) {
            initContent += "<td><td>";
        }
    }
}
```

```

    init_content += "<td>" + month + "  

    if (date.getDay() * 7 == -6) {  

        8  

        init_content += "<td><td>";  

        9  

        date.setDate(date.getDate() + 1);  

        10  

        while (date.getDay() * 7 != 6) date.setDate(date.getDate() + 1);  

        init_content += "<td><td>";  

        date.setDate(date.getDate() + 1);  

        11  

        if (date.getDay() * 7 > 0) {  

            12  

            init_content += "<td><td><td>";  

            13  

            init_content += " <table><tr><td>";  

            var id_name = " content" + month;  

            document.getElementById(id_name).innerHTML = init_content;  

            month++;  

        }  

    }  

</script>  

</html>

```

Result: The program has been executed and output is verified

Output

Creates a grid of

2021

Generate calendar

Reset

January 2021

| 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 |
| 31 | | | | | | |

February 2021

| 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 | | | | | | |

March 2021

| 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 | 31 | | | |

April 2021

| 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 | 31 |

May 2021

| 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 | 31 | | | | | |

June 2021

| 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 | | | |

July 2021

| 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 | 31 |

August 2021

| 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 | 31 | | | |

September 2021

| 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 | | |

class: gen

grid: 8x8

chamges

styles

block -

display

justify

3

calendar

margin -

borders

borders - co

3

table selected

borders : op

classyles

Grids

Tables ca

tbody

(div class =

Table clas

| October 2021 | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|
| 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 |
| 31 | | | | | | |

| November 2021 | | | | | | |
|---------------|-----|-----|-----|-----|-----|-----|
| 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 | | | | |

| December 2021 | | | | | | |
|---------------|-----|-----|-----|-----|-----|-----|
| 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 | 31 | |

Program no: 8

Pno: build a PHP code to store name of Indian cricket players in an array and display same in HTML table

```
<html>
<head>
<title> Cricket </title>
<head> </head>
<div id = "page-content">
<h2> Indian Cricketers </h2>
<form action = "pname.php" method = "post">
<input type = "text" name = "pname1" id = "pname1"
placeholder = "Enter name of a player" />
<input type = "text" name = "pname2" id = "pname2"
placeholder = "Enter name of a player" />
<input type = "text" name = "pname3" id = "pname3"
placeholder = "Enter name of a player" />
<input type = "submit" name = "Submit" value = "Submit" />
</form> </div> </body> </html>
</php>
$name1 = $_POST['pname1'];
$name2 = $_POST['pname2'];
$name3 = $_POST['pname3'];
if myArray = array ($name1, $name2, $name3) {>
<table border = "1" >
<tr> <th> Id </th>
<th> Name </th> </tr>
<tr>
```

Indian cricketer

dhoni

Sachin

Kohli

Submit

id	name
1	dhoni
2	sachin
3	kohli

Program no: 2d

Aim: compose electricity bill from user input based and given tariff using PHP.

Chains heads titles Bill titles chains
CPHP

```
$result_start = $result = "1";
if (isset($_POST["units-submit"])) {
    $units = $_POST["units"];
    if (!empty($units)) {
        $result = calculate_bill($units);
        $result_start = "Total amount of ". $units." - " . $result;
    }
}
function calculate_bill($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 * $unit_cost_first;
    } else if ($units > 50 && $units <= 100) {
        $temp = 50 * $unit_cost_first;
        $remaining_units = $units - 50;
        $bill = $temp + $remaining_units * $unit_cost_second;
    }
}
```

```

else if ($units > 100 & $units <= 200) {
    $temp = (50 * 3.5) + (60 * $unit_cost_second);
    $remaining_units = $units - 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, ',', '.');
}



<div>
        <form action="" method="post" id="usage-form">
            <input type="number" name="units" id="units"
                placeholder="Enter no. of units"/>
            <input type="submit" name="unit-submit" id="unit-submit"
                value="Submit"/>
        </form>
        <div>
            <p>echo $body</p>
        </div>
    </div>


```

Result: The program has been executed and output is verified

Bill

Enter no. of units

Submit

Aim: develop a PHP program to connect a database and retrieve data from a table and show the details in next format

```
<html><body> <form action = "web1.php" method = "post">
<input type = "text" name = "roll">
<input type = "text" name = "age">
<input type = "text" name = "gender">
<input type = "text" name = "name">
<input type = "submit" value = "Submit" />
</form> <br/>
$conn = mysqli_connect("localhost", "root", "", "rasavel");
$sql = "select roll, age, gender, name from table1";
$result = mysqli_query($conn, $sql);
if(mysqli_num_rows($result) > 0)
echo "Number of rows found...!!";  


|      |     |        |      |
|------|-----|--------|------|
| roll | age | gender | name |
|------|-----|--------|------|


while ($row = mysqli_fetch_assoc($result)) {
    echo $row["roll"] . "> ";
    echo $row["age"] . "> ";
    echo $row["gender"] . "> ";
    echo $row["name"] . "> ";
}

```

PHP

```
$conn = mysqli_connect("localhost", "root", "", "laravel");
```

Q)

```
<h1> welcome new page </h1>
```

PHP

```
$roll = $_POST["roll"];
```

```
$age = $_age["age"];
```

```
$gender = $_gender["gender"];
```

```
$name = $_name["name"];
```

```
$sql = "insert into table1 (roll, age, gender, name) values  
($roll, '$name', $age, '$gender', '$name')";
```

```
mysql_query($conn, $sql)
```

Q)

html

Result: The program has been executed and output is verified

verified

Output

Chaitin

2 rows found ...!

roll

age gender name

1

10

female ammy

2

12

male appu.