

Java Script Program

Q.1. Write a program in Javascript to declare a variable.

Program :

```
<html>
<body>
<script>
var x = 10;
var y = 20;
var z=x*y;
document.write(z);
</script>
</body>
</html>
```

Output:

200

Q.2. Write a program in javascript to declare global variable.

Program :

```
<html>
<body>
<script>
var data= 50;//global variable
function a(){
document.writeln(data);
}
function b(){
document.writeln(data);
}
a(); //calling JavaScript function
b();

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

Ouptut:

50 50

Q.3. Write a program in javascript to find sum of two numbers using variables.

Program :

```
<html>
<head>
<body>
<title>Variables!!!</title>
<script type="text/javascript">
var one = 22;
var two = 3;
var add = one + two;

    document.write("First No: = " + one + "<br />Second No: = " + two + " <br />");
    document.write(one + " + " + two + " = " + add + "<br/>");

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

Output:

```
FirstNo:=22
SecondNo:=3
22 + 3 = 25
```

Q.4. Write a program in javascript to display text message using variables.

Program :

```
<html>
<body>
<script>
var stringname=new String("Hello javascript string");
document.write(stringname);
</script>
</body>
</html>
```

Output:

```
Hello javascript string
```

Q.5. Write a program in java script to check a person is eligible for vote using IF statement.

Program :

```
<html>
```

```

<head>
<body>
    <script type="text/javascript">
        var age = prompt("Please enter your age");
        if(age>=18)
            document.write("You are eligible <br />");
        if(age<18)
            document.write("You are not eligible <br />");
    </script>
</head>
</body>
</html>

```

Output:

Please enter your age

14

OK

Cancel

You are not eligible.

Q.6. Write a program in java script to check whether a person is adult or not using if - else statement.

Program :

```

<html>
<head>
<body>
    <script type="text/javascript">
        var age = prompt("Please enter your age");
        if(age>=18)
            document.write("You are an adult <br />");
        else
            document.write("You are not an adult <br />");
    </script>
</body>
</head>
</html>

```

Output:

Please enter your age

20

OK

Cancel

You are an adult

Q.7. Write a program in javascript using if else if else statement.**Program :**

<html>

<head>

<body>

<script type="text/javascript">

var one = prompt("Enter the first number");

var two = prompt("Enter the second number");

one = parseInt(one);

two = parseInt(two);

if (one == two)

document.write(one + " is equal to " + two + ".");

else if (one<two)

document.write(one + " is less than " + two + ".");

else

document.write(one + " is greater than " + two + ".");

</script>

</head>

</body>

</html>

Output:

Enter the first number: 20

Enter the second number: 12

20 is greater than 12.

Q.8. Write a statement in java script using switch statement to check the result according to the grade system.**Program :**

<html>

```
<body>
<script>
var grade='B';
var result;
switch(grade){
case 'A':
result="A Grade";
break;
case 'B':
result="B Grade";
break;
case 'C':
result="C Grade";
break;
default:
result="No Grade";
}
document.write(result);
</script>
</body>
</html>
```

Output:

B Grade

Q.9. Write a programme in javascript to print even number less than 20 using loop.

Program :

```
<html>
<head>
<body>
  <script type="text/javascript">
    document.write("<b>Using do...while loops </b><br />");
    var i = 2;
    document.write("Even numbers less than 20<br />");
    do
    {
      document.write(i + "<br />");
      i = i + 2;
    }while(i<20)
```

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

Output:

Using do...while loops Even numbers less than 20

2
4
6
8
10
12
14
16
18

Q.10. Write a program in java script using FOR loop to print the odd number 1,3,5,7,9,...15.

Program :

```
<html>
<head>
<body>
<script>
var i;
for (i=1;i <=15;i++)
{
if (i%2!=0)
document.write (i);
}
</script>
</body>
</head>
</html>
```

Output:

1 3 5 7 9 11 13 15