

1) Program to print hello world in JavaScript

```
<!DOCTYPE html>
<html>
  <head>
    <script>
      document.write("Hello World");
    </script>
  </head>
</html>
```

2) Program of JavaScript to add two numbers

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

3) JavaScript program to find the square Root

```
<!DOCTYPE html>
<html>
<body>
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = Math.sqrt(9);
</script>
</body>
</html>
```

4) Develop JavaScript program to check if a number is Odd or Even.

```
<html>
<body>
<script>
var a=20;
if(a%2==0) {
document.write("a is even number");
```

```
}  
else {  
document.write('a is odd number');  
}  
</script>  
</body>  
</html>
```

Output:

a is even number

5) Develop a JavaScript program to display today's date.

```
<html>  
<head>  
  <meta charset="UTF-8">  
  <title>write a java script program to get the current  
date.</title>  
</head>  
<script>  
  var date=new Date();  
  var day=date.getDate();  
  var month=date.getMonth()+1;  
  var year=date.getFullYear();  
  document.write("<br>Date  
is:" +day + "/" +month + "/" +year);  
  </script>  
  </body>  
</html>
```

Output:

Date is : 29/9/2023

6) Develop a JavaScript program of number validation.

```
<html>
<head>
<script>
    function validate(){
var num=document.myform.num.value;
if (isNaN(num)){
document.getElementById('num').value;
alert('Enter Numeric value only');
return false;
}else{
return true;
}
}
</script>
</head>
<body>
```

```
<form name="myform"
action="validationvld.html" onsubmit="return
validate()">
```

```
Number: <input type="text" name="num"
id="num"><br/>
```

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

```
</form>
```

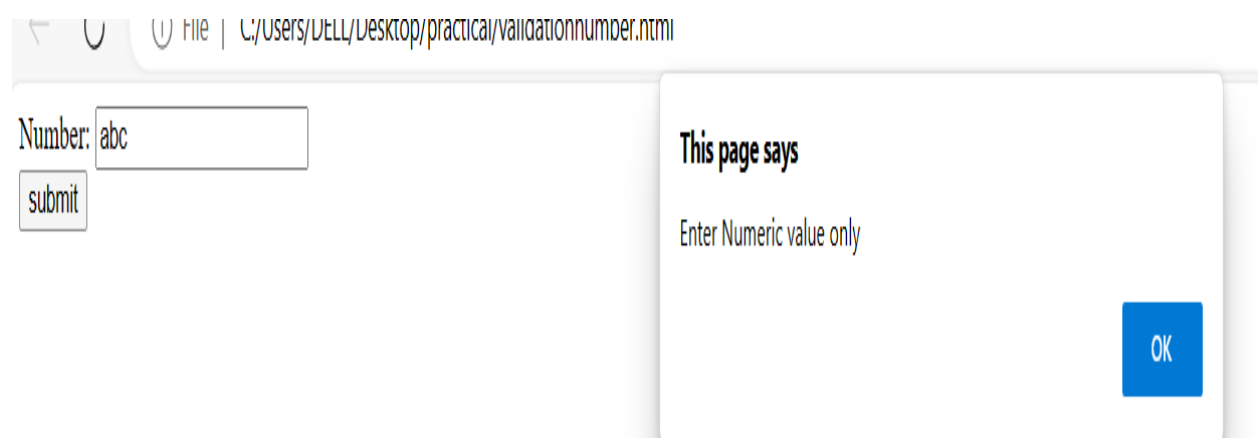
```
</body>
```

```
</html>
```

Output: You filled correct and then click on button

You are valid user

Thanks for visiting our site



Save this file with name – validationvldid.html

```
<html>
<body>
<h2>You are valid user</h2>
<p>Thanks for visiting our site</p>
</body>
</html>
```

7) Develop a JavaScript program to retype password validation.

```
<html>
<body>
<script>
function validateform(){
var name=document.myform.name.value;
var password=document.myform.password.value;
```

```
if (name==null || name==""){
alert("Name can't be blank");
return false;
}else if(password.length<6){
alert("Password must be at least 6 characters long.");
return false;
}
}
</script>
<body>
<form name="myform" method="post"
action="validationvlid.html"
onsubmit="return validateform()" >
Name: <input type="text" name="name"><br/>
Password: <input type="password"
name="password"><br/>
<input type="submit" value="register">
</form>
</body>
</html>
```