

JAVA SCRIPT FORM VALIDATION

```
<html>

<body>

<script>

function validateform(){

var name=document.myform.name.value;

var email=document.myform.email.value;

var number=document.myform.number.value;

if (name==null || name==""){

alert("Name can't be blank");

return false;

}

else if(email==null || email==""){

alert("Email cannot be blank");

return false;

}

else if(number.length<10 || number==""){

alert("Mobile number cannot be less than 10.");

return false;

}

}

</script>

<body>

<form name="myform" method="post" action="" onsubmit="return validateform()" >

Name: <input type="text" name="name"><br/>

Email ID: <input type="email" name="email"><br/>

Mobile Number: <input type="text" name="number"><br/>

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

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

RETRVE TEXTFILE FROM WEBSERVER

```
<!DOCTYPE html>
<html>
<body>
<h2>Using the XMLHttpRequest Object</h2>
<div id="demo">
<button type="button" onclick="loadXMLDoc()">Change Content</button>
</div>
<script>
function loadXMLDoc() {
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("demo").innerHTML =
                this.responseText;
        }
    };
    xhttp.open("GET", "info.txt", true);
    xhttp.send();
}
</script>
</body>
</html>
```

Info.txt

Any TEXT

ANGULAR JS DERVATIVES

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>
<div ng-app="" ng-init="firstName='John'">
<p>Input something in the input box:</p>
<p>Name: <input type="text" ng-model="firstName"></p>
<p>You wrote: {{ firstName }}</p>
</div>
</body>
</html>
```

ANGULAR JS EXPRESSIONS

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>
<div ng-app>
<p>My first expression: {{ 5 + 5 }}</p>
<p ng-init="a=100;b=50">The Sum is: {{{a+b}}}</p>
</div>
```

```
</body>
```

```
</html>
```

JQUERY SELECTORS:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>
```

```
<script>
```

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

```
  $("#hide").click(function(){
```

```
    $("p").hide();
```

```
  });
```

```
  $("#show").click(function(){
```

```
    $("p").show();
```

```
  });
```

```
});
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<h2>This is a heading</h2>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
<button id="hide">Click me to hide paragraphs</button>
```

```
<button id="show">Click me to show para</button>
```

```
</body>
```

```
</html>
```

JQUERY EVENTS AND EFFECTS:

```
<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#flip").click(function(){

        $("#panel").slideDown("slow");

    });

});

</script>

<style>

#panel, #flip {

    padding: 5px;

    text-align: center;

    background-color: #e5eccc;

    border: solid 1px #c3c3c3;

}

#panel {

    padding: 50px;

    display: none;

}

</style>
```

```
</head>
```

```
<body>
```

```
<div id="flip">Click to slide down panel</div>
```

```
<div id="panel">Hello world!</div>
```

```
</body>
```

```
</html>
```