



Society for Computer Technology & Research's
Pune Institute of Computer Technology
Department of Electronics and Telecommunication Engineering

Roll no: 42411	Name: Aditi Daberao
Division: 8	Batch: P8
Sub: JavaScript	

Practical No : 9: Create a student information Form to accept information like Name, Address, City, State Gender, Mobile Number, and email id. Perform validations for a) Correct names b) Mobile names c) Email id d) If no entered value e) Re-display for wrongly entered values with message f) Congratulations and welcome page upon successful entries.

Code:

1)Form.html:

```
<!Design student information Form>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Experiment 9(Home Page)</title>
```

```
<style>
```

```
.input {
```

```
display: inline-block;
```

```
padding: 10px 20px;
```

```
margin: 5px;
```

```
background-color: #f1f1f1;
```

```
border: none;
```



```
cursor: pointer;

border-radius: 4px;

text-align: center;

text-decoration: none;

font-size: 16px;

width: 200px;

}

.inputMissing {

    display: inline-block;

    padding: 10px 20px;

    margin: 5px;

    background-color: #e77777;

    border: none;

    cursor: pointer;

    border-radius: 4px;

    text-align: center;

    text-decoration: none;

    font-size: 16px;

    width: 200px;

}

.button {

    display: inline-block;
```



padding: 10px 20px;

margin: 5px;

background-color: #f1f1f1;

border: none;

cursor: pointer;

border-radius: 4px;

text-align: center;

text-decoration: none;

font-size: 16px;

width: 150px;

}

</style>

</head>

<body id = "body" style = "text-align:center;">

<H1>JavaScript Experiment 9</H1>

<H3>Name: Aditi Daberao Roll No: 42411 Batch: P8</H3> Please

enter the Student Details properly to continue!

<h3>Enter the valid Details</h3>

First Name: <input id="FirstName" placeholder="First Name" class = "input"
onfocusout="validateFName()"/>



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Last Name: <input id="LastName" placeholder="Last Name" class = "input"
onfocusout="validateLName()"/>

Mobile Number: <input id="MobNumber" placeholder="Mobile Number" class = "input"
onfocusout="validateNum()"/>

Email: <input id="Email" placeholder="Email Address" class = "input" onfocusout="validateEmail()"/>

<button id = "submit" onclick = "submit()" class = "button">Submit Form</button>

<button id = "reset" onclick = "window.location.reload()" class = "button">reset</button>

<script>

var valFname = 0;

var valLname = 0;

var valEmail = 0;

var valNum = 0;

function validateFName() {

let x = document.getElementById('FirstName').value;

var re = /^[a-zA-Z]+\$/;

if (re.test(x)) {

document.getElementById('FirstName').className = "input";

valFname = 1;



```
} else {  
  
    alert("Name must be filled out!");  
  
    document.getElementById('FirstName').className = "inputMissing";  
  
    valFname = 0;  
  
}  
  
}
```

```
function validateLName() {  
  
    let x = document.getElementById('LastName').value;  
  
    var re = /^[a-zA-Z]+$/;  
  
    if (re.test(x)) {  
  
        document.getElementById('LastName').className = "input";  
  
        valLname = 1;  
  
    } else {  
  
        alert("Name must be filled out!");  
  
        document.getElementById('LastName').className = "inputMissing";  
  
        valLname = 0;  
  
    }  
  
}
```

```
function validateNum() {  
  
    var num = document.getElementById("MobNumber").value;
```



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```
var re = /^[1-9][0-9]{9}$/;

if (re.test(num)) {

    document.getElementById('MobNumber').className = "input";

    valNum = 1;

}

else {

    alert("Please enter a proper mobile number! Do not put in area codes like +91");

    document.getElementById('MobNumber').className = "inputMissing";

    valNum = 0;

}

}

function validateEmail() {

    var em = document.getElementById("Email").value;

    var re = /^[w+([\.-]?w+)*@w+([\.-]?w+)*(\.w{2,3})+$/;

    if (re.test(em)) {

        document.getElementById('Email').className = "input";

        valEmail = 1;

    }

    else {

        alert("Please enter a proper Email ID!");
```



```
document.getElementById('Email').className = "inputMissing";
```

```
valEmail = 0;
```

```
}
```

```
}
```

```
function submit() {
```

```
    // console.log(valEmail); --> for debugging
```

```
    // console.log(valNum);
```

```
    // console.log(valLname);
```

```
    // console.log(valFname);
```

```
    if(valEmail && valNum && valLname && valFname ) {
```

```
        window.sessionStorage.setItem("FName",document.getElementById("Firs<!Design student  
information Form Welcome Page>
```

2)Success.html:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Welcome Page</title>
```

```
    <style>
```

```
        #tablestyle {
```

```
            font-family: 'Times New Roman', Times, serif;
```



```
border-collapse: collapse;

width: 20%;

}

#tablestyle td, #tablestyle th {

border: 1px solid;

padding: 8px;

background-color: #dbfecf;

}

</style>

</head>

<body id = "body" style = "text-align:center;">

<H1>Welcome to the Website!</H1>

<H3>Congratulations on filling the form correctly</H3>

<H3>The entered values were: </H3>

<center>

<table id="tablestyle" style="text-align: center">

<tr><td>First Name</td><td><span id = "FirstName"></span></td></tr>

<tr><td>Last Name</td><td><span id = "LastName"></span></td></tr>

<tr><td>Mobile Number</td><td><span id = "MobNumber"></span></td></tr>

<tr><td>Email Address</td><td><span id = "Email"></span></td></tr>

</table>

</center>
```




```
<script>

    document.getElementById("FirstName").innerHTML = window.sessionStorage.getItem("FName");

    console.log(window.localStorage.getItem("FName"));

    document.getElementById("LastName").innerHTML = window.sessionStorage.getItem("LName");

    document.getElementById("MobNumber").innerHTML = window.sessionStorage.getItem("MNum");

    document.getElementById("Email").innerHTML = window.sessionStorage.getItem("EmailSet");

</script>

</body>

</html>tName").value);

    window.sessionStorage.setItem("LName",document.getElementById("LastName").value);

    window.sessionStorage.setItem("MNum",document.getElementById("MobNumber").value);

    window.sessionStorage.setItem("EmailSet",document.getElementById("Email").value);

    window.location.href = 'Experiment_9(2).html';

}

else {

    alert("Please fill the form correctly!");

}

}

</script>

</body>

</html>
```



Output:

JavaScript Experiment 9

Name: Aditi Daberao Roll No: 42411 Batch: P8

Please enter the Student Details properly to continue!

Enter the valid Details

First Name:

Last Name:

Mobile Number:

Email:

Form Details have been validated

Welcome