

Raunak Mitra [M1092163]

Milestone Assessment 2

//HTML

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Form Validation</title>

<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

<link rel="stylesheet" href="msa.css">

<script defer src="msa.js"></script>

</head>

<body>

<div class="logo">

</div>

```
<div class="container">
```

```
  <form id="form" action="index.html" name="form" >
```

```
    <h1>Register Now</h1>
```

```
    <div class="form-control">
```

```
      <label for="username">Employee Name:</label>
```

```
      <input id="username" name="username" type="text">
```

```
      <div class="error"></div>
```

```
    </div>
```

```
<div class="container-gender" >
```

```
  <h2>Gender:</h2>
```

```
  <input type="radio" id="male" name="gender">Male
```

```
  <input type="radio" id="female" name="gender">Female
```

```
  <input type="radio" id="others" name="gender">Others
```

```
  <br>
```

```
  <br>
```

```
  <span id="genderid"></span>
```

```
</div>
```

```
<div class="container-hobby">
```

```
  <h2>Hobbies:</h2>
```

```
  <input type="checkbox" name="hob" id="hobbies">Testing
```

```
  <input type="checkbox" name="hob" id="hobbies">Development
```

```
  <input type="checkbox" name="hob" id="hobbies">Scripting
```

```

<input type="checkbox" name="hob" id="hobbies">Debugging
<input type="checkbox" name="hob" id="hobbies">Web Designing
<br>
</div>
<span id="hobby"></span>
<br>
<br>

<button type="submit" id="btn" >SUBMIT</button>

</form>
</div>

</body>
</html>

//CSS
@import url('https://netdna.bootstrapcdn.com/font-awesome/4.0.3/css/font-awesome.css');

h1 {

```

```
align-items: left;
font-size: 40px;
text-align: left;
font-weight: bold;
color: #53cbf0;
margin-top: 10px;
margin-left: 3px;
}
```

```
h2 {
align-items: left;
font-size: 25px;
text-align: left;
font-weight: bold;
color: #052386;
margin-top: 10px;
margin-left: 3px;
}
```

```
div{
background-color: #f7f8f8;
}
```

```
.container-gender{  
    border-style: double;  
    border-radius: 20px;  
    font-weight: bold ;  
    background-color: #74c4f1;  
    display: flex;  
    font-size: 23px;  
    margin: 10px;  
    padding-left:10px;  
    padding-right:60px;  
    padding-top: 5px;  
    padding-bottom: 5px ;  
    margin-left: 20px;  
    align-items:baseline;  
  
}
```

```
.container-hobby{  
    border-style: double;  
    border-radius: 20px;  
    font-weight: bold ;  
    background-color: #74c4f1;  
    display: flex;
```

```
font-size: 23px;

margin: 10px;

padding-left:10px;

padding-right:60px;

padding-top: 5px;

padding-bottom: 5px ;

margin-left: 20px;

align-items: baseline;

}
```

```
form {

background-color: #FFFFFF;

align-items: center;

justify-content: center;

flex-direction: column;

padding: 0 50px;

height: 100%;

text-align: left;

}
```

```
label{
```

```
background-color: #8e9599;

border-radius: 20px;

font-size: 25px;

width: 12%;

font-weight: bolder;

display: flex;

text-align: start;

margin: 30px 0;

padding: 10px;

margin-left: 20px;
}
```

```
input {

background-color: #53cbf0;

border-style: inset;

border-color: black;

font-weight: bold;

border-radius: 20px;

padding: 10px 5px;

margin-top: 10px;

margin-bottom: 20px;

width: 30%;

margin-left: 20px;
}
```

```
button{  
  
    margin-left: 840px;  
  
    text-align: center;  
  
    margin-top: 20px;  
  
    font-size: 30px;  
  
    font-weight: bolder;  
  
    border-radius: 20px;  
  
    border-width: thick;  
  
    background-color: #8e9599;  
  
    color: crimson;  
  
    padding:20px;  
  
}
```

```
//JS  
  
const form=document.getElementById('form');  
  
const username = document.getElementById('username');  
  
  
  
//1  
  
form.addEventListener('submit', e => {
```



```

    if(! valid()){ e.preventDefault();}

    else{

        alert("Form Submitted Successfully!");

    }

});

//2

const setError = (element, message) => {

    const inputControl = element.parentElement;

    const errorDisplay = inputControl.querySelector('.error');

    errorDisplay.innerText = message;

    inputControl.classList.add('error');

    inputControl.classList.remove('success')

}

//3

const setSuccess = element => {

    const inputControl = element.parentElement;

    const errorDisplay = inputControl.querySelector('.error');

    errorDisplay.innerText = "";

    inputControl.classList.add('success');

```

```

    inputControl.classList.remove('error');
};

//4
const valid = () => {
    const usernameValue = username.value.trim();

    exp1=/^([A-Z]){1}([A-Za-z]){3,15}$/;
    if(usernameValue=="")
    {
        setError(username,'Name cannot be empty');
        return false;
    }
    else if(exp1.test(usernameValue)==false)
    {
        setError(username,'Please give first letter in Capital and give name size between size 4 to
16');
        return false;
    }
    else
    {
        setSuccess(username);
    }
}

```

```

//5

//Gender check

gendersselect=document.getElementsByName("gender");
genders=document.getElementById("genderid");

if(gendersselect[0].checked==false && gendersselect[1].checked==false)
{
    genders.innerHTML="Select your Gender";
    return false;
}
else
{
    genders.innerHTML="";
}

```

```

//6

//Hobby check

hobbies=document.getElementsByName("hob");
hobbyelement=document.getElementById("hobby");

count=0;

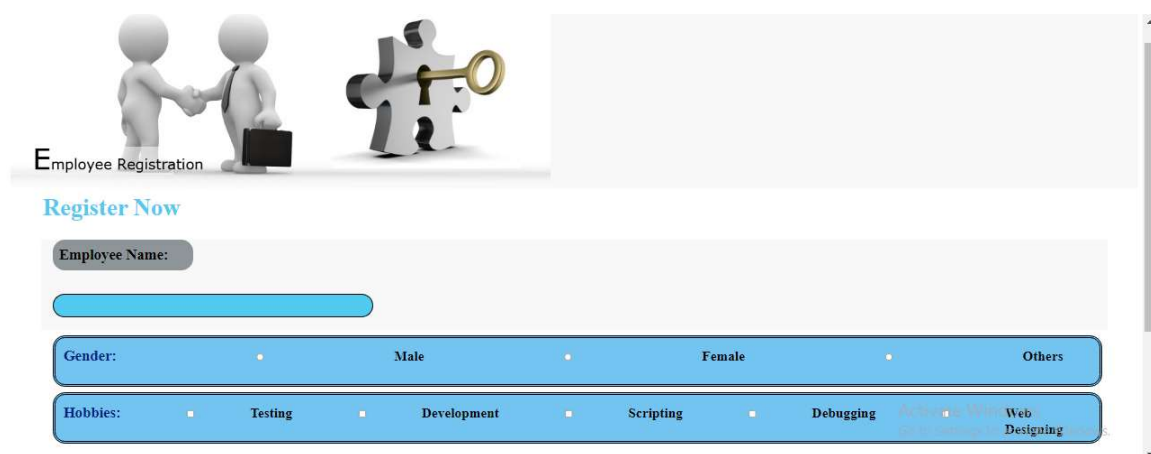
for(i=0;i<hobbies.length;i++)
{
    if(hobbies[i].checked==true)
    {

```

```

        count++;
    }
}
if(count<2)
{
    hobbyelement.innerHTML="Select atleast 2 Hobbies";
    return false;
}
else
{
    hobbyelement.innerHTML="";
}
return true;
}

```



The image shows a web form titled "Employee Registration". At the top left, there is an illustration of two 3D figures shaking hands, one holding a briefcase, and a puzzle piece with a keyhole. To the right of this is a large, empty rectangular box. Below the illustration, the text "Register Now" is displayed in blue. The form itself consists of several input fields and a row of radio buttons. The first field is labeled "Employee Name:" and has a light blue border. Below it is a long, empty text input field. The next row contains three radio buttons labeled "Male", "Female", and "Others". The final row contains a series of radio buttons for hobbies: "Testing", "Development", "Scripting", "Debugging", "Web Designing", and "Web Designing". The form is styled with a light blue and white color scheme.

Employee Registration

[Register Now](#)

Employee Name:

Gender: ☐ Male ☐ Female ☐ Others

Hobbies: ☐ Testing ☐ Development ☐ Scripting ☐ Debugging ☐ Web Designing ☐ Web Designing

Register Now

Employee Name:

Gender:

Male

Female

Others

Hobbies:

Testing

Development

Scripting

Debugging

Web
Designing

SUBMIT

Sample Output:

Register Now

Employee Name:

raunak

Please give first letter in Capital and give name size between size 4 to 16

Gender:

Male

Female

Others

Hobbies:

Testing

Development

Scripting

Debugging

Web
Designing

SUBMIT

Activate Windows
Go to Settings to activate Windows.

Register Now

Employee Name:

Raunak

Select your Gender

Gender:

Male

Female

Others

Hobbies:

Testing

Development

Scripting

Debugging

Web
Designing

SUBMIT

Register Now

Employee Name:

Raunak

Gender:



Male



Female



Others

Hobbies:



Testing



Development



Scripting



Debugging



Web
Designing

Select atleast 2 Hobbies

SUBMIT

127.0.0.1:5500/MSA_Practice/msa.html

Register Now

Employee Name:

Raunak

Gender:



Male



Female



Others

Hobbies:



Testing



Development



Scripting



Debugging



Web
Designing

Select atleast 2 Hobbies

SUBMIT

127.0.0.1:5500 says

Form Submitted Successfully!

OK