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Division : BE 8	Batch : Q8
Subject : Javascript	Date :

Experiment 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. HTML (root.html)

```
<!DOCTYPE html>
<html>
<head>
  <title>Reg Form</title>
  <style type="text/css">
    body{
      font-family: Calibri;
    }
    input[type="text"] {
      width: 250px;
    }
    input[type="submit"], input[type="reset"] {
      width: 77px;
      height: 27px;
      position: relative;left: 180px;
    }
    form{
      text-align: center;
      font-family: Calibri;
      font-size: 20px;
      border: 3px solid black;
      width: 600px;
      margin: 20px auto;
    }
    td {
      padding: 10px;
    }
  <td:first-child {
    text-align: right;
    font-weight: bold;
  }
  <td:last-child {
    text-align: left;
  }
</style>
```

```
<script src="validation.js"></script>
</head>
<body style="background-color:rgb(254, 255, 255)">
  <center><H4>Name: Vedant Kulkarni <br> Roll No: 42438 <br> Batch:
  Q8</H4><br><h1>Form Validation </h1></center>
  <hr>
  <form method="" action="success.html" name="reg_form" onsubmit="return validate()">
    <h2>Registration Form</h2>
    <table>
      <tr>
        <td><label>First Name: </label></td>
        <td>
          <input type="text" name="fname" placeholder="First Name">
        </td>
      </tr>
      <tr>
        <td><label>Last Name: </label></td>
        <td>
          <input type="text" name="lname" placeholder="Last Name">
        </td>
      </tr>
      <tr>
        <td><label>Address: </label></td>
        <td>
          <input type="textarea" size="50" name="address" placeholder="Address">
        </td>
      </tr>
      <tr>
        <td><label>Gender: </label></td>
        <td>
          <input type="radio" name="gender" value="male">Male
          <input type="radio" name="gender" value="femele">Female
        </td>
      </tr>
      <tr>
        <td><label>Email Id: </label></td>
        <td>
          <input type="text" name="email" placeholder="example@gmail.com">
        </td>
      </tr>
      <tr>
        <td><label>Mobile: </label></td>
        <td>
          <input type="number" name="mobile">
        </td>
      </tr>
      <tr>
        <td><label>Course: </label></td>
        <td>
          <select name="course">
```

```

        <option value="select course">select course</option>
        <option value="HTML">HTML</option>
        <option value="CSS">CSS</option>
        <option value="JavaScript">JAVASCRIPT</option>
        <option value="Java">JAVA</option>
    </select>
</td>
</tr>
<tr>
<td>
        <input type="submit" name="submit" value="Submit">
        <input type="reset" name="reset" value="Reset">
    </td>
</tr>
</table>
</form>
</body>
</html>

```

2. HTML (success.html)

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>success</title>
</head>
<body>
    <center><h1>Form Details have been validated</h1><br><br>Welcome</center>
</body>
</html>

```

3. JS(validation.js)

```

function validate() {
    var fname = document.reg_form.fname;
    var lname = document.reg_form.lname;
    var address = document.reg_form.address;
    var gender = document.reg_form.gender;
    var email = document.reg_form.email;
    var mobile = document.reg_form.mobile;
    var course = document.reg_form.course;

    if (fname.value.length <= 0) {
        alert("Name is required");
        fname.focus();
        return false;
    }
}

```

```

if (fname.value.length > 0 && !isNaN(parseInt(fname.value))) {
    alert("Enter string value in First Name");
    fname.focus();
    return false;
}
if (lname.value.length <= 0) {
    alert("Last Name is required");
    lname.focus();
    return false;
}
if (lname.value.length > 0 && !isNaN(parseInt(lname.value))) {
    alert("Enter string value in Last Name");
    lname.focus();
    return false;
}
if (address.value.length <= 0) {
    alert("Address is required");
    address.focus();
    return false;
}
if (gender.value.length <= 0) {
    alert("Gender is required");
    gender.focus();
    return false;
}
if (email.value.length <= 0) {
    alert("Email Id is required");
    email.focus();
    return false;
}
if(email.value.length > 0)
{
    var atSymbol = email.value.indexOf("@");
    var dotSymbol = email.value.lastIndexOf(".");
    var spaceSymbol = email.value.indexOf(" ");

    if ((atSymbol != -1) &&
        (atSymbol != 0) &&
        (dotSymbol != -1) &&
        (dotSymbol != 0) &&
        (dotSymbol > atSymbol + 1) &&
        (email.value.length > dotSymbol + 1) &&
        (spaceSymbol == -1)) {

        return true;
    } else {
        alert("Error !!! Email address is not valid.");
        return false;
    }
}

```

```
if (mobile.value.length <= 0 || mobile.value.length > 10) {  
    alert("Enter valid mobile number");  
    mobile.focus();  
    return false;  
}  
if (course.value == "select course") {  
    alert("Course is required");  
    course.focus();  
    return false;  
}  
// return false;  
}
```