

# Assignment-6

Web Technology

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## Registration form

- The given site contains a registration form for a user to login through.
- Individual fields of the form have been checked through Javascript pertaining to the constraints that were provided in the assignment.
- Basic styling and formatting of the page has been done through CSS the code for which has been provided below.
- Each screenshot contains some kind of error generated corresponding to the wrong entries.
- The functionality for blank field detection has also been provided in the site, for which a single example has been provided.

## SITE

Input form

File | D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html

### Registration Form

Please enter the form details for your registration abiding by the rules provided for the fields -

#### Conditions

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.

First name :

E-mail ID :

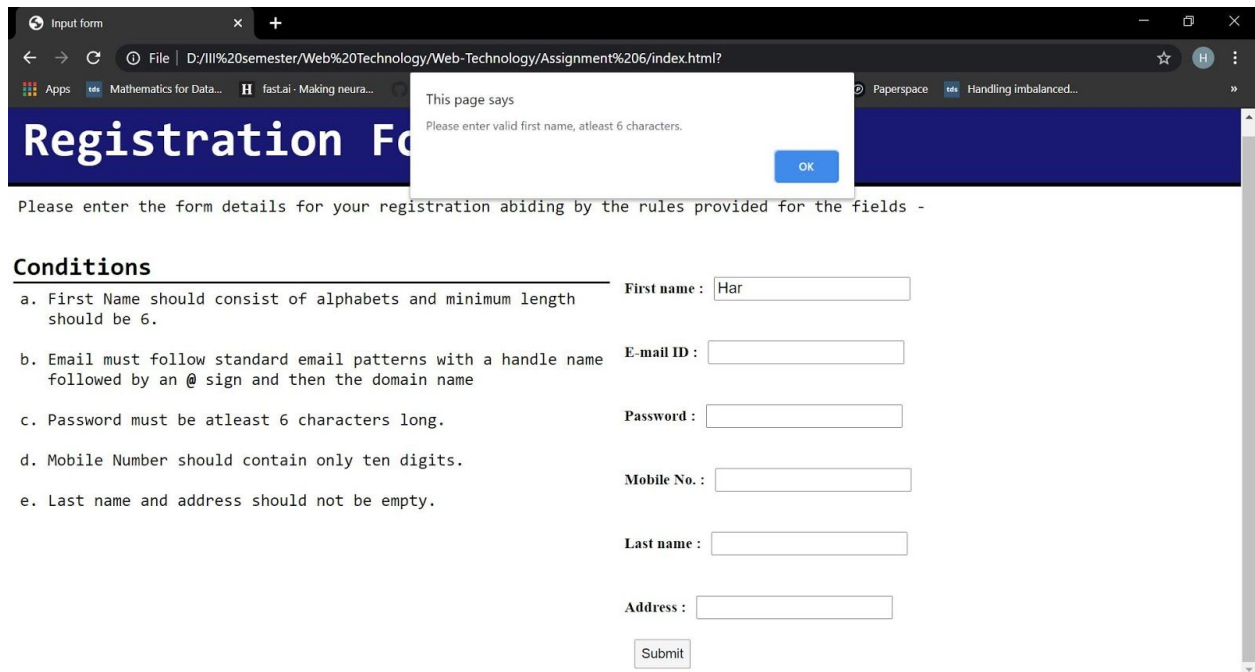
Password :

Mobile No. :

Last name :

Address :

## -First name

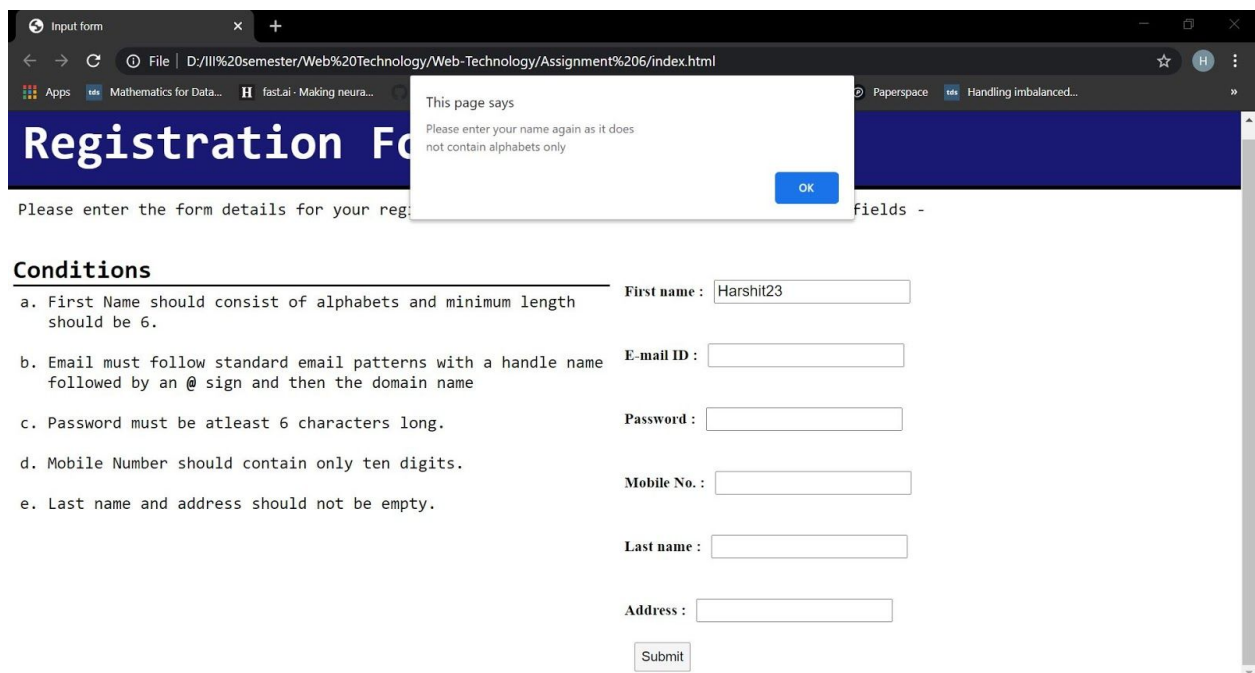


The screenshot shows a web browser window with the address bar displaying "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page title is "Input form". The main heading is "Registration Form". Below the heading, there is a text prompt: "Please enter the form details for your registration abiding by the rules provided for the fields -". A modal dialog box is open, displaying the message: "This page says Please enter valid first name, atleast 6 characters." with an "OK" button. The form contains the following fields and labels:

- First name :
- E-mail ID :
- Password :
- Mobile No. :
- Last name :
- Address :

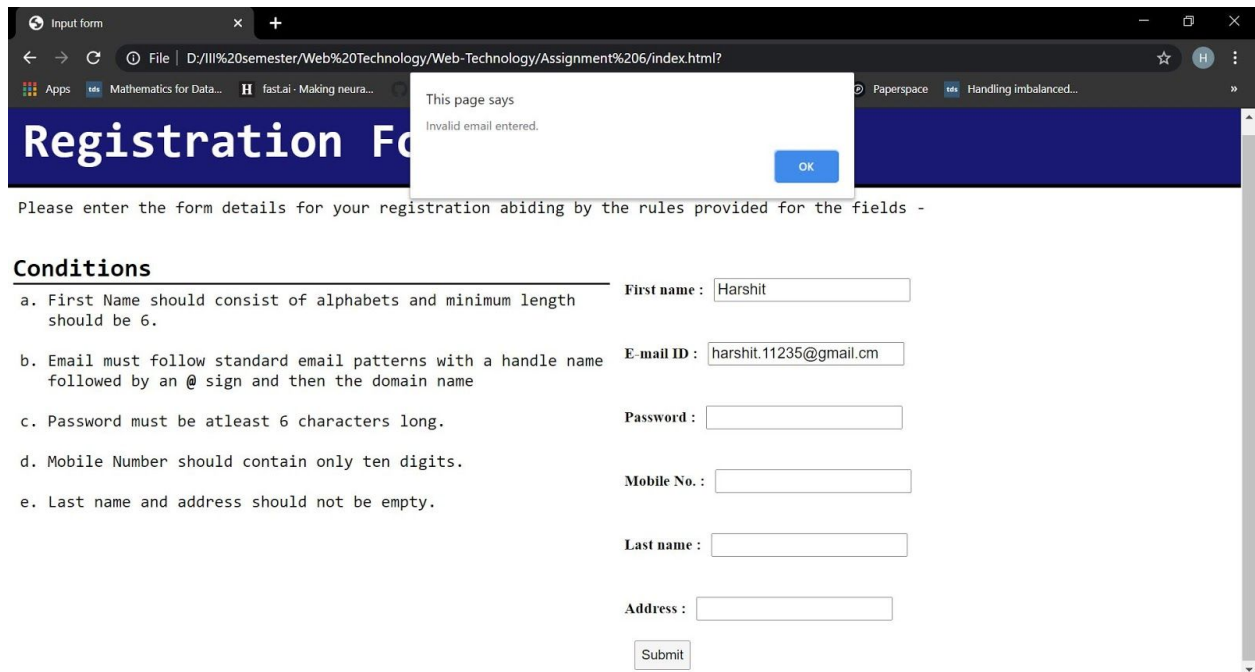
Below the fields is a "Submit" button. To the left of the form, under the heading "Conditions", are the following rules:

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.



The screenshot shows the same web browser window and registration form as above. The modal dialog box now displays the message: "This page says Please enter your name again as it does not contain alphabets only" with an "OK" button. The "First name" field now contains the text "Harshit23". All other fields and the "Submit" button remain the same. The "Conditions" list is also present on the left side of the form.

## -Email ID



The screenshot shows a web browser window with the address bar displaying "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page title is "Input form". The main heading is "Registration Form". Below the heading, there is a text prompt: "Please enter the form details for your registration abiding by the rules provided for the fields -". A list of conditions is provided on the left. On the right, there are input fields for "First name", "E-mail ID", "Password", "Mobile No.", "Last name", and "Address". A "Submit" button is at the bottom. A modal dialog box is open in the center, displaying the message "This page says Invalid email entered." with an "OK" button.

**Registration Form**

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.

First name :

E-mail ID :

Password :

Mobile No. :

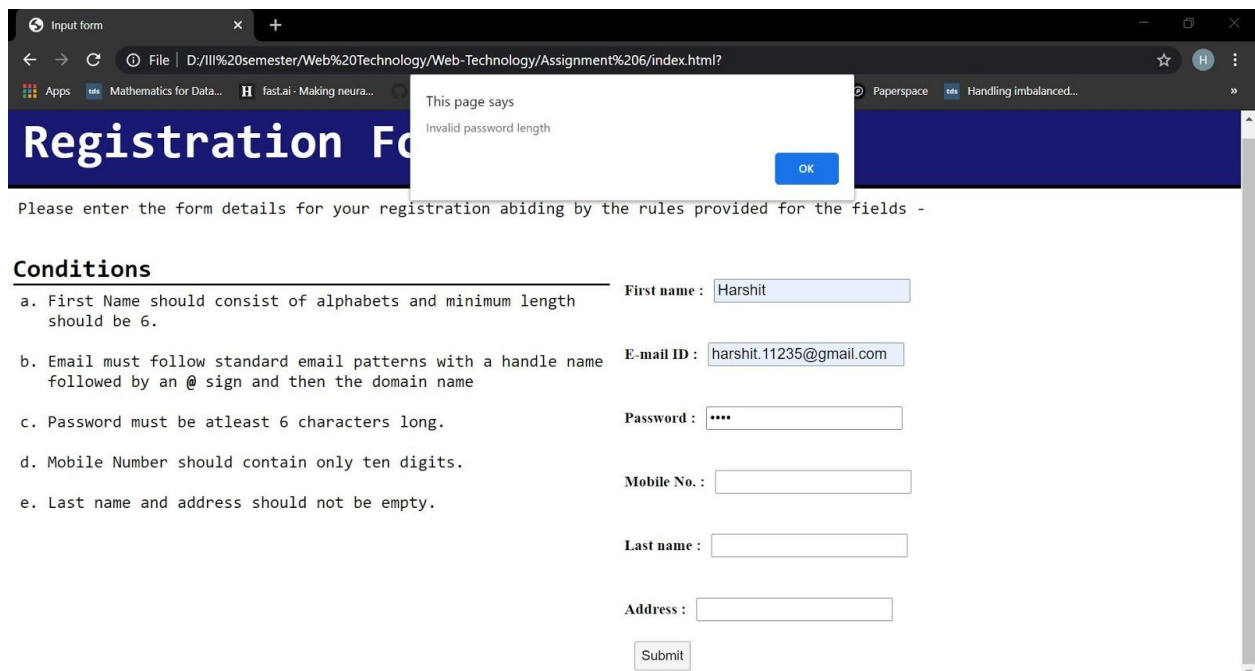
Last name :

Address :

This page says  
Invalid email entered.

OK

## -Password



The screenshot shows the same web browser window as the previous one, but with a different error message. The modal dialog box now displays "This page says Invalid password length". The "E-mail ID" field now contains "harshit.11235@gmail.com". The "Password" field is empty and has a placeholder "\*\*\*\*".

**Registration Form**

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.

First name :

E-mail ID :

Password :

Mobile No. :

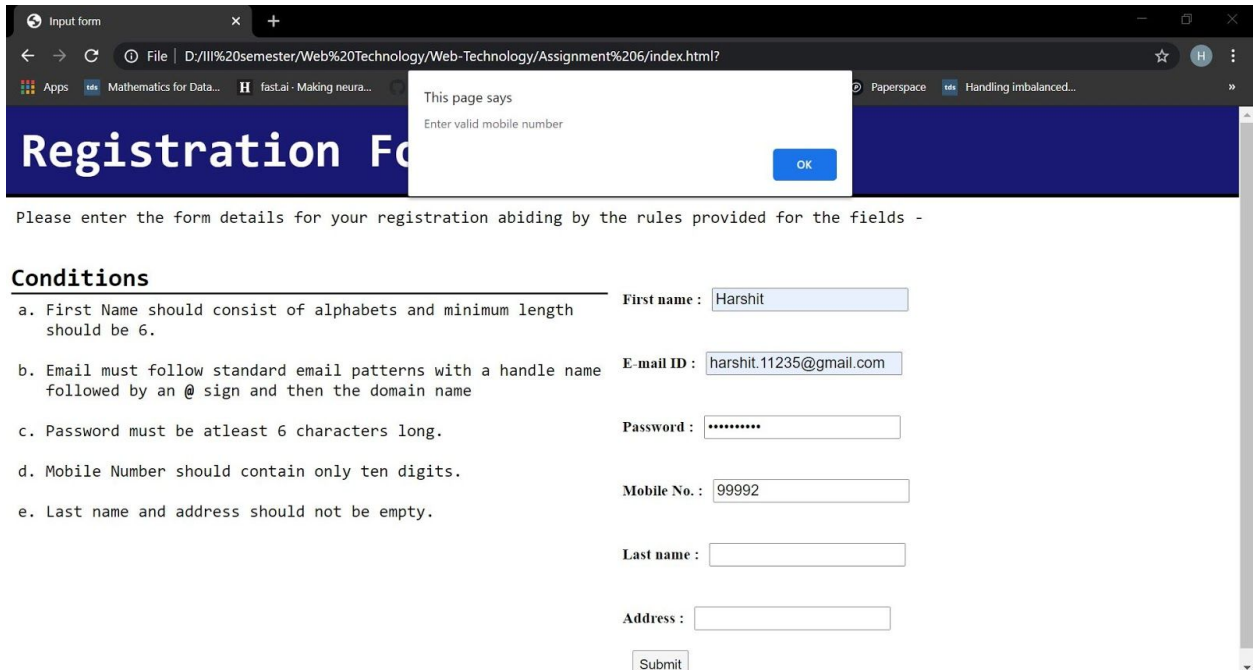
Last name :

Address :

This page says  
Invalid password length

OK

## -Mobile Number



The screenshot shows a web browser window with the title "Input form". The address bar displays the file path "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page has a dark blue header with the text "Registration Fo". A white error message box is overlaid on the page, stating "This page says Enter valid mobile number" with an "OK" button. Below the header, the text "Please enter the form details for your registration abiding by the rules provided for the fields -" is displayed. The "Conditions" section lists five rules: a. First Name should consist of alphabets and minimum length should be 6. b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name. c. Password must be atleast 6 characters long. d. Mobile Number should contain only ten digits. e. Last name and address should not be empty. The form fields are: First name: Harshit, E-mail ID: harshit.11235@gmail.com, Password: (masked with dots), Mobile No.: 99992, Last name: (empty), Address: (empty), and a Submit button.

Registration Fo

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.

First name : Harshit

E-mail ID : harshit.11235@gmail.com

Password : .....

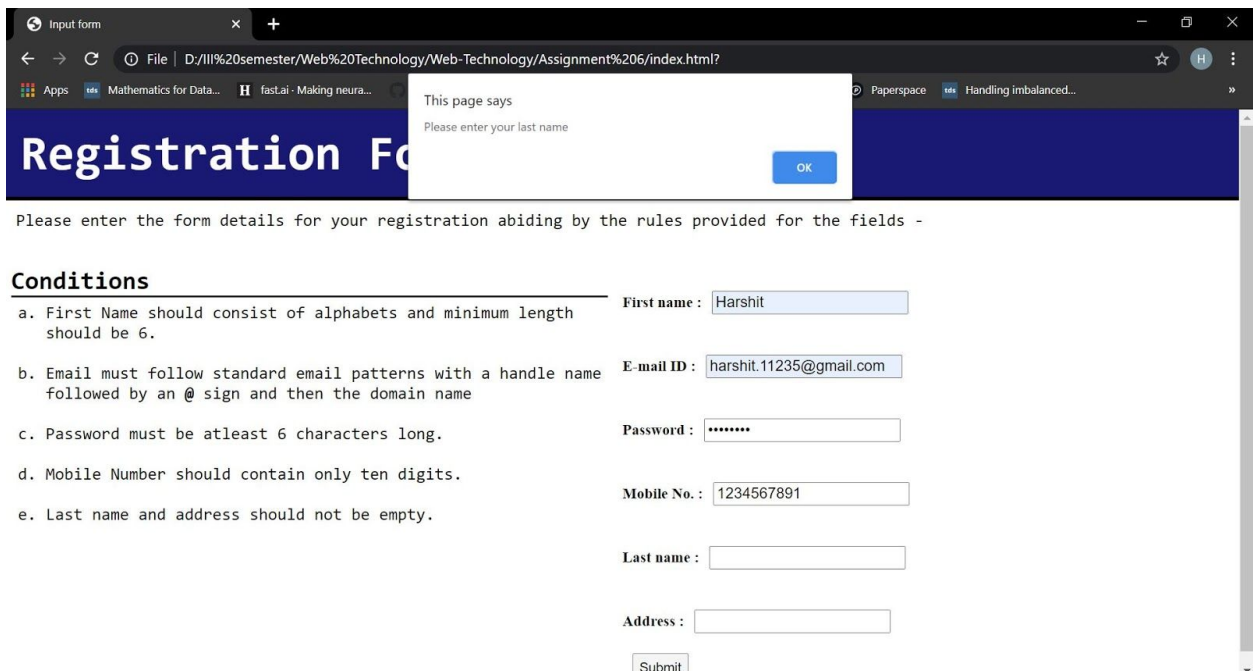
Mobile No. : 99992

Last name :

Address :

Submit

## -Last Name



The screenshot shows a web browser window with the title "Input form". The address bar displays the file path "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page has a dark blue header with the text "Registration Fo". A white error message box is overlaid on the page, stating "This page says Please enter your last name" with an "OK" button. Below the header, the text "Please enter the form details for your registration abiding by the rules provided for the fields -" is displayed. The "Conditions" section lists five rules: a. First Name should consist of alphabets and minimum length should be 6. b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name. c. Password must be atleast 6 characters long. d. Mobile Number should contain only ten digits. e. Last name and address should not be empty. The form fields are: First name: Harshit, E-mail ID: harshit.11235@gmail.com, Password: (masked with dots), Mobile No.: 1234567891, Last name: (empty), Address: (empty), and a Submit button.

Registration Fo

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- First Name should consist of alphabets and minimum length should be 6.
- Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- Password must be atleast 6 characters long.
- Mobile Number should contain only ten digits.
- Last name and address should not be empty.

First name : Harshit

E-mail ID : harshit.11235@gmail.com

Password : .....

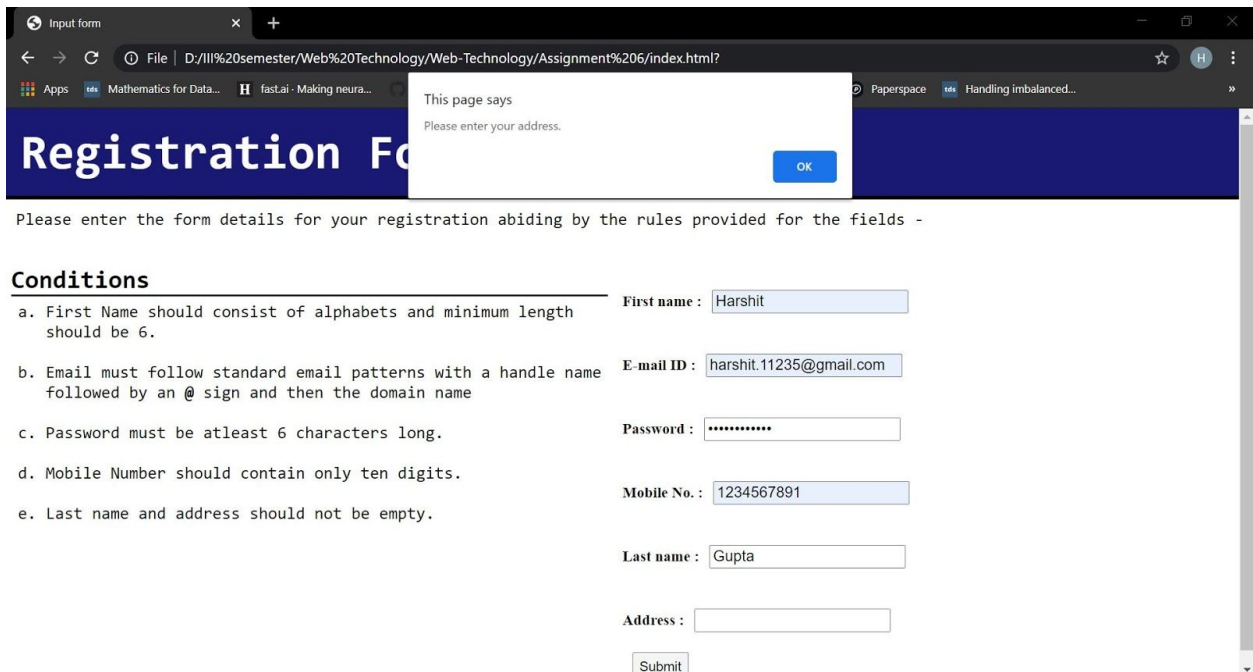
Mobile No. : 1234567891

Last name :

Address :

Submit

## -Address



The screenshot shows a web browser window with the title "Input form". The address bar displays the file path "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page has a dark blue header with the text "Registration Fo". A modal dialog box is open in the center, titled "This page says" with the message "Please enter your address." and an "OK" button. Below the header, the text "Please enter the form details for your registration abiding by the rules provided for the fields -" is visible. The "Conditions" section lists five rules: a. First Name should consist of alphabets and minimum length should be 6. b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name. c. Password must be atleast 6 characters long. d. Mobile Number should contain only ten digits. e. Last name and address should not be empty. The form fields are: First name: Harshit, E-mail ID: harshit.11235@gmail.com, Password: (masked with dots), Mobile No.: 1234567891, Last name: Gupta, Address: (empty). A "Submit" button is at the bottom.

Registration Fo

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- a. First Name should consist of alphabets and minimum length should be 6.
- b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- c. Password must be atleast 6 characters long.
- d. Mobile Number should contain only ten digits.
- e. Last name and address should not be empty.

First name : Harshit

E-mail ID : harshit.11235@gmail.com

Password : .....

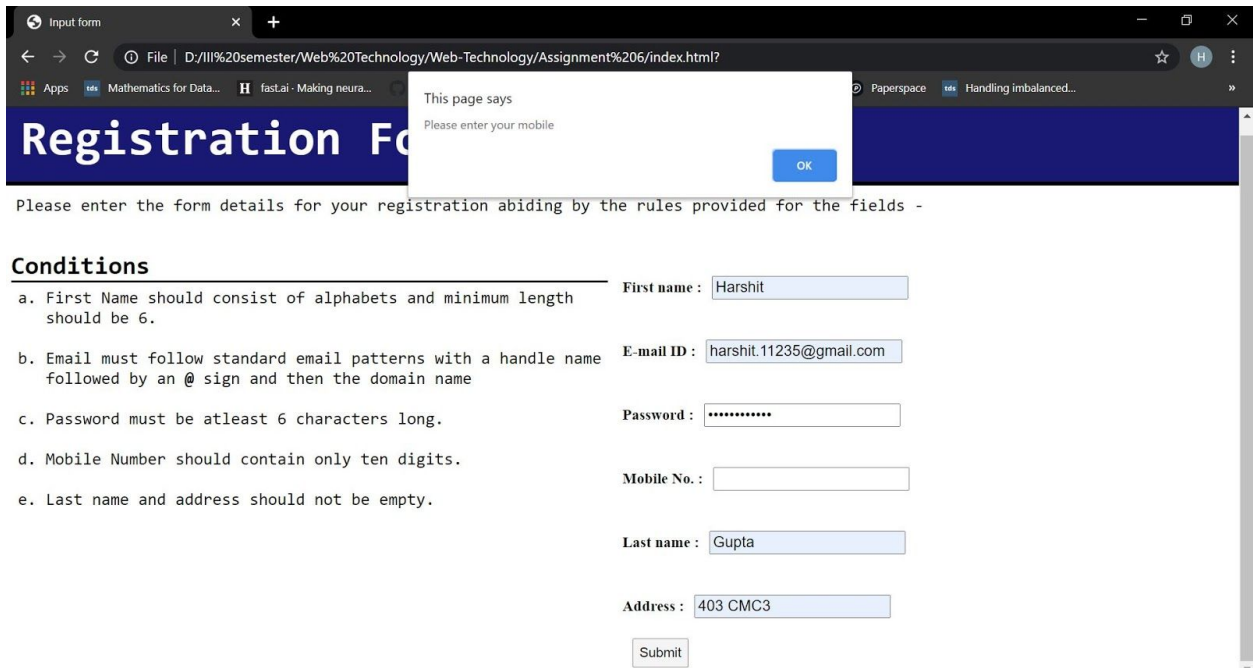
Mobile No. : 1234567891

Last name : Gupta

Address :

Submit

## -Blank Field Check example



The screenshot shows a web browser window with the title "Input form". The address bar displays the file path "D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?". The page has a dark blue header with the text "Registration Fo". A modal dialog box is open in the center, titled "This page says" with the message "Please enter your mobile" and an "OK" button. Below the header, the text "Please enter the form details for your registration abiding by the rules provided for the fields -" is visible. The "Conditions" section lists five rules: a. First Name should consist of alphabets and minimum length should be 6. b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name. c. Password must be atleast 6 characters long. d. Mobile Number should contain only ten digits. e. Last name and address should not be empty. The form fields are: First name: Harshit, E-mail ID: harshit.11235@gmail.com, Password: (masked with dots), Mobile No.: (empty), Last name: Gupta, Address: 403 CMC3. A "Submit" button is at the bottom.

Registration Fo

Please enter the form details for your registration abiding by the rules provided for the fields -

**Conditions**

- a. First Name should consist of alphabets and minimum length should be 6.
- b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- c. Password must be atleast 6 characters long.
- d. Mobile Number should contain only ten digits.
- e. Last name and address should not be empty.

First name : Harshit

E-mail ID : harshit.11235@gmail.com

Password : .....

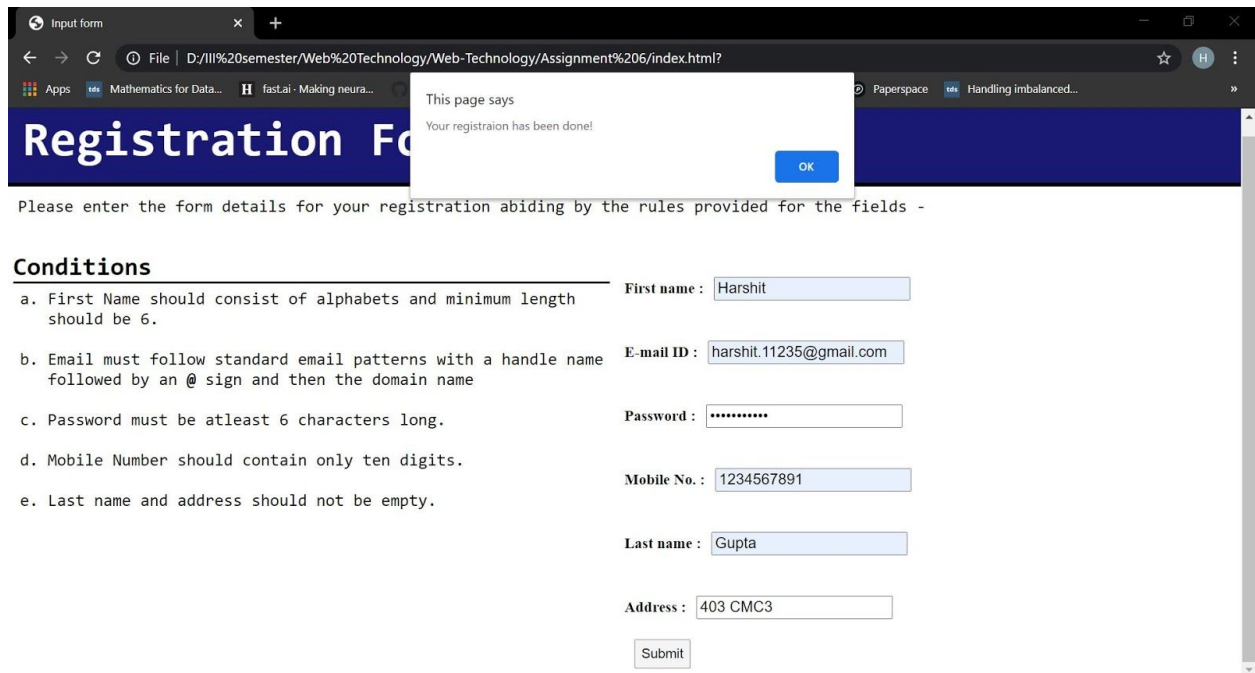
Mobile No. :

Last name : Gupta

Address : 403 CMC3

Submit

## -Accepted registration



The screenshot shows a web browser window with a dark theme. The address bar displays the file path: `D:/III%20semester/Web%20Technology/Web-Technology/Assignment%206/index.html?`. The page has a dark blue header with the text "Registration Form" in white. A white modal dialog box is centered on the screen, displaying the message "This page says" and "Your registraion has been done!" (note the typo in "registraion"). Below the message is a blue "OK" button. The main content area has a light gray background and contains a list of registration conditions on the left and a form on the right. The form fields are filled with the following values: First name: Harshit, E-mail ID: harshit.11235@gmail.com, Password: (masked with dots), Mobile No.: 1234567891, Last name: Gupta, and Address: 403 CMC3. A "Submit" button is located at the bottom of the form.

Please enter the form details for your registration abiding by the rules provided for the fields -

### Conditions

- a. First Name should consist of alphabets and minimum length should be 6.
- b. Email must follow standard email patterns with a handle name followed by an @ sign and then the domain name
- c. Password must be atleast 6 characters long.
- d. Mobile Number should contain only ten digits.
- e. Last name and address should not be empty.

First name :

E-mail ID :

Password :

Mobile No. :

Last name :

Address :

## CODE - HTML

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <link name="viewport" content="width=device-width , initial-scale=1">
    <link rel="stylesheet" href="style.css">
    <title>Input form</title>
  </head>
  <body>
    <h1>Registration Form </h1>
    <div class="descrip"> Please enter the form details for your registration
      abiding by the rules provided for the fields - </div>
    <br>
    <div class = "left fifty">
      <h2> Conditions </h2>
      <ol> <font size = 3>
        <li type='a'>First Name should consist of alphabets and minimum length
should be 6.</li><br>
        <li type = 'a'> Email must follow standard email patterns with a handle
name followed by an <b>@</b> sign
          and then the domain name</li><br>
        <li type='a'>
          Passwords must be at least 6 characters long.
        </li><br>
        <li type = 'a'>
          Mobile Number should contain only ten digits.
        </li><br>
        <li type='a'>
          Last name and address should not be empty.
```

```

        </li><br>
    </font>
</ol>
</div>
<br>
<form id = "form1" name="register" class="left fifty">
    <p><label> First name :</label>
    <input type="text" id="Fname" ></p><br>
    <p><label > E-mail ID :</label>
    <input type="text" id="email" ></p><br>
    <p><label > Password :</label>
    <input type="password" id="pass"></p><br>
    <p><label > Mobile No. :</label>
    <input type="text" id="mobile"></p><br>
    <p><label > Last name :</label>
    <input type="text" id="Lname"></p><br>
    <p><label > Address :</label>
    <input type="text" id="address"></p>
    <button type="submit" onclick="validate()">
        Submit</button>
</form>

<script>

function valid(a)
{
    var i = parseInt(a);
    if(a>=65 && a<91)
        return true;
    if(a>=97 && a<123)
        return true;
    return false;
}

```



```

function validate()
{
    var fname = document.getElementById("Fname").value;
    if(parseInt(fname.length)< 6)
    {
        {alert("Please enter valid first name, at least 6 characters.");
        return;}
    }
    var flag = false;
    for(var j of fname)
    {
        if(!valid(j.charCodeAt()))
            {alert("Please enter your name again as it does \n not contain
alphabets only");
            flag = true;
            break;}
    }
    if(flag==true) return ;
    var email = document.getElementById("email").value;
    if(!email)
    {
        alert("Please enter email");
        return ;
    }
    var ema = email.split('@');
    var domain = ema[1];
    var user = ema[0];
    var dom = domain.split('.');
    if(dom[1]!="com" || (parseInt(dom.length)!=2) )
    {
        alert("Invalid email entered.");
        return ;
    }
}

```

```
var pass = document.getElementById("pass").value;
if(!pass)
{
    alert("Please enter your password");
    return ;
}
if(parseInt(pass.length)<6)
{
    alert("Invalid password length");
    return;
}
```

```
var mobile = document.getElementById("mobile").value;
if(!mobile)
{
    alert("Please enter your mobile");
    return ;
}
if(parseInt(mobile.length)!=10)
{
    alert("Enter valid mobile number");
    return ;
}
```

```
var lname = document.getElementById("Lname").value;

if(!lname)
{
    alert("Please enter your last name");
    return ;
}
var addr = document.getElementById("address").value;
```

```
        if(!addr)
        {
            alert("Please enter your address.");
            return ;
        }

        alert("Your registraion has been done!");

    }
</script>
</body>
</html>
```

## CODE- CSS

```
*{
    box-sizing: border-box;
    margin: 0px;
}
label{
    margin: 10px;
    font-size: 0.9em;
    display: table-cell;
    font-family: times;
    font-weight: bold;
}
p{
    display: table-row;
}
input{
    margin: 10px;
    font-size: 0.9em;
    display: table-cell;
}
```

```
button{
    margin: 10px;
    padding: 5px;
    font-size: 0.8em;
}
.left{
    float : left;
}
.fifty{
    width: 50%;
}
h1{
    text-align: left;
    font-size: 3.5em;
    color: white;
    font-family: monospace;
    font-weight: bolder;
    padding: 15px;
    border-bottom: 4px solid black;
    background-color: rgba(0,0,100,0.9);
}
h2{
    margin: 5px 15px 5px 5px;
    border-bottom: 2px solid black;
}
.descrip{
    font-weight: lighter;
    font-size: 17px;
    margin : 10px;
}
```

