

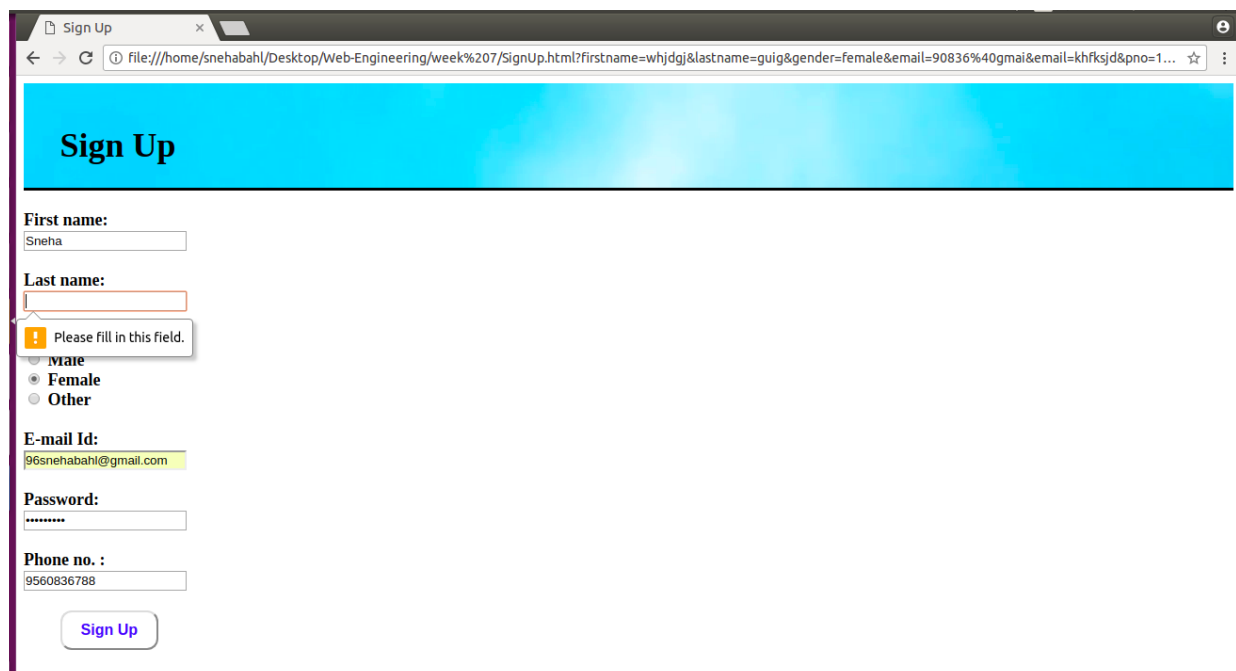
EXPERIMENT-7

AIM: To add validations to HTML form.

Field Required validation

```
<form name="SignUpForm" onsubmit="return validate()" >
<div class=c>
  First name:<br>
  <input type="text" name="firstname" required><br><br>
  Last name:<br>
  <input type="text" name="lastname" required><br><br>
  Gender:<br>
  <input type="radio" name="gender" value="male" checked > Male<br>
  <input type="radio" name="gender" value="female"> Female<br>
  <input type="radio" name="gender" value="other"> Other<br><br>
  E-mail Id:<br>
  <input type="text" name="email" required><br><br>
  Password:<br>
  <input type="password" name="passwd" required><br><br>
  Phone no. :<br>
  <input type="tel" name="pno"><br><br>
  <input id=b1 type="submit" name="Submit" value="Sign Up" >
</div>

</form>
</body>
```

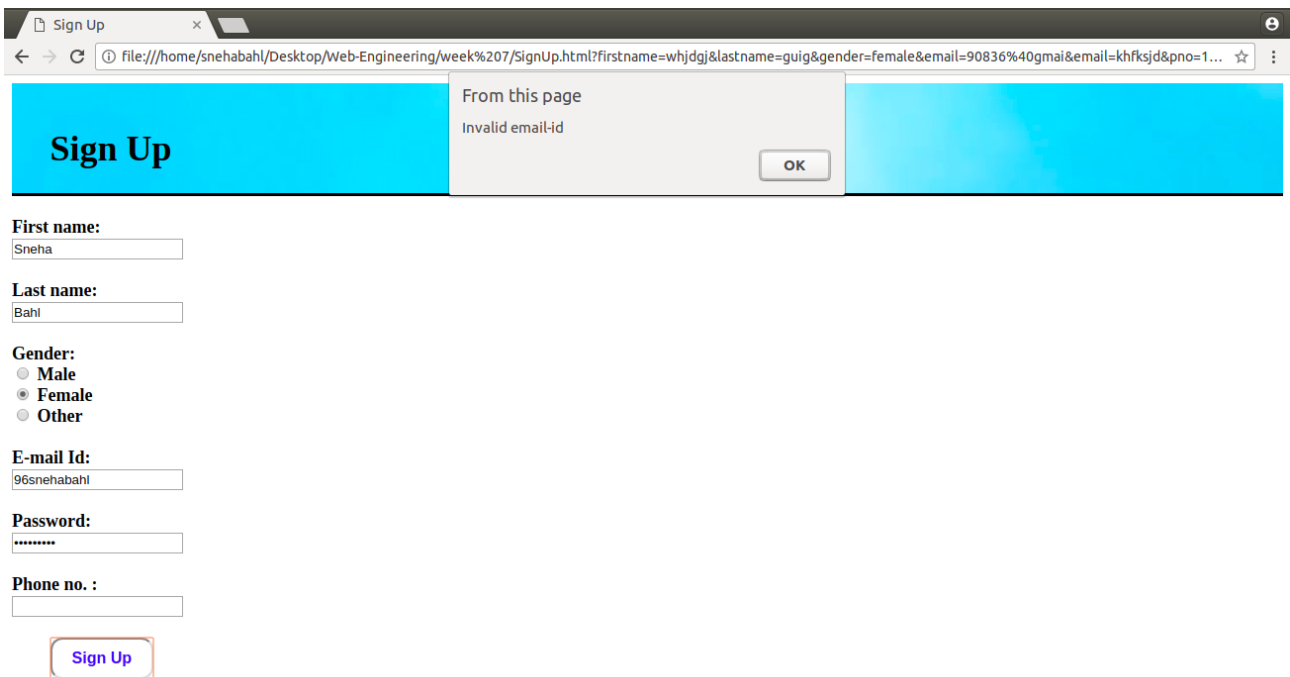


The screenshot shows a web browser window with the title 'Sign Up'. The address bar displays a file path: `file:///home/snehabahl/Desktop/Web-Engineering/week%207/SignUp.html?firstname=whjdgj&lastname=guig&gender=female&email=90836%40gmail&email=khfksjd&pno=1...`. The form itself has a blue header with the text 'Sign Up'. Below the header, the form fields are as follows:

- First name:** A text input field containing 'Sneha'.
- Last name:** An empty text input field with a red border, indicating a validation error. A tooltip message says 'Please fill in this field.'
- Gender:** Three radio buttons labeled 'Male', 'Female', and 'Other'. The 'Male' button is selected.
- E-mail Id:** A text input field containing '96snehabahl@gmail.com'.
- Password:** A password input field with masked characters '*****'.
- Phone no. :** A text input field containing '9560836788'.
- Sign Up:** A blue button with the text 'Sign Up'.

Email validation

```
var stre = document.forms["SignUpForm"]["email"].value;
if (!(stre.match(/^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/))) {
    alert("Invalid email-id");
    return false;
}
```

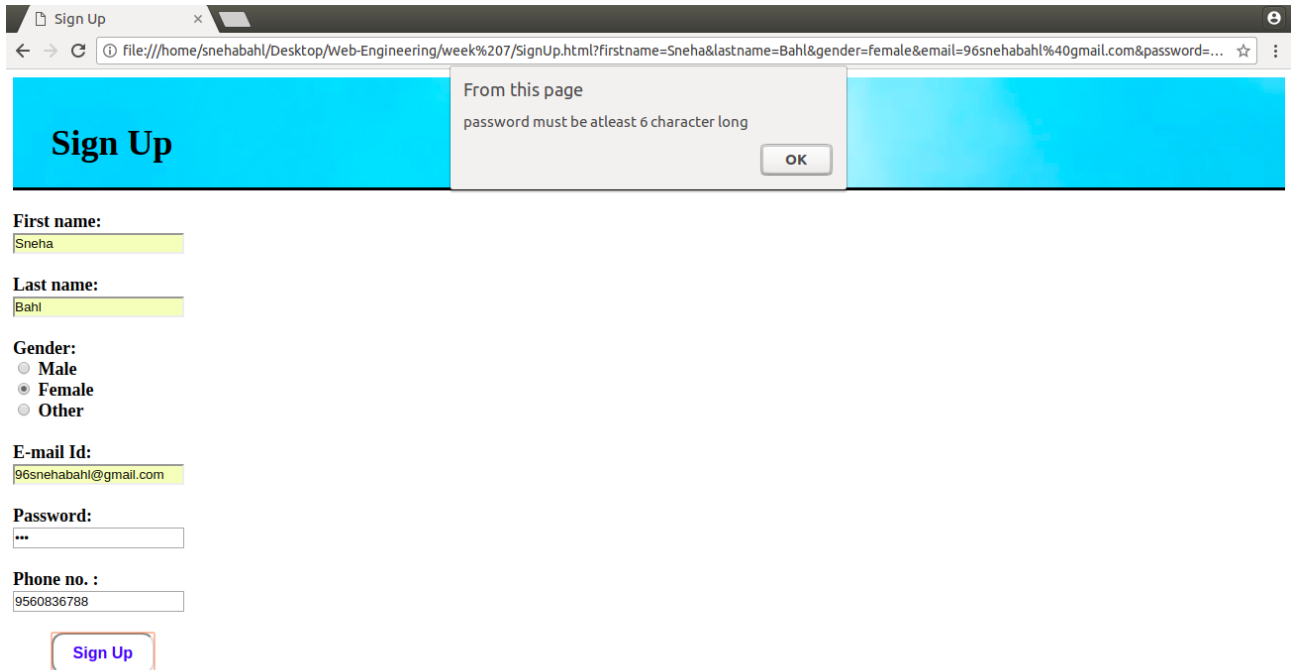


The screenshot shows a web browser window with a single tab titled 'Sign Up'. The address bar displays a file path: `file:///home/snehabahl/Desktop/Web-Engineering/week%207/SignUp.html?firstname=whjdgj&lastname=guig&gender=female&email=90836%40gmail&email=khfksjd&pno=1...`. The page content features a large blue header with the text 'Sign Up'. Below the header, a light gray box contains the message 'From this page' and 'Invalid email-id', with an 'OK' button. The main form area includes the following fields and options:

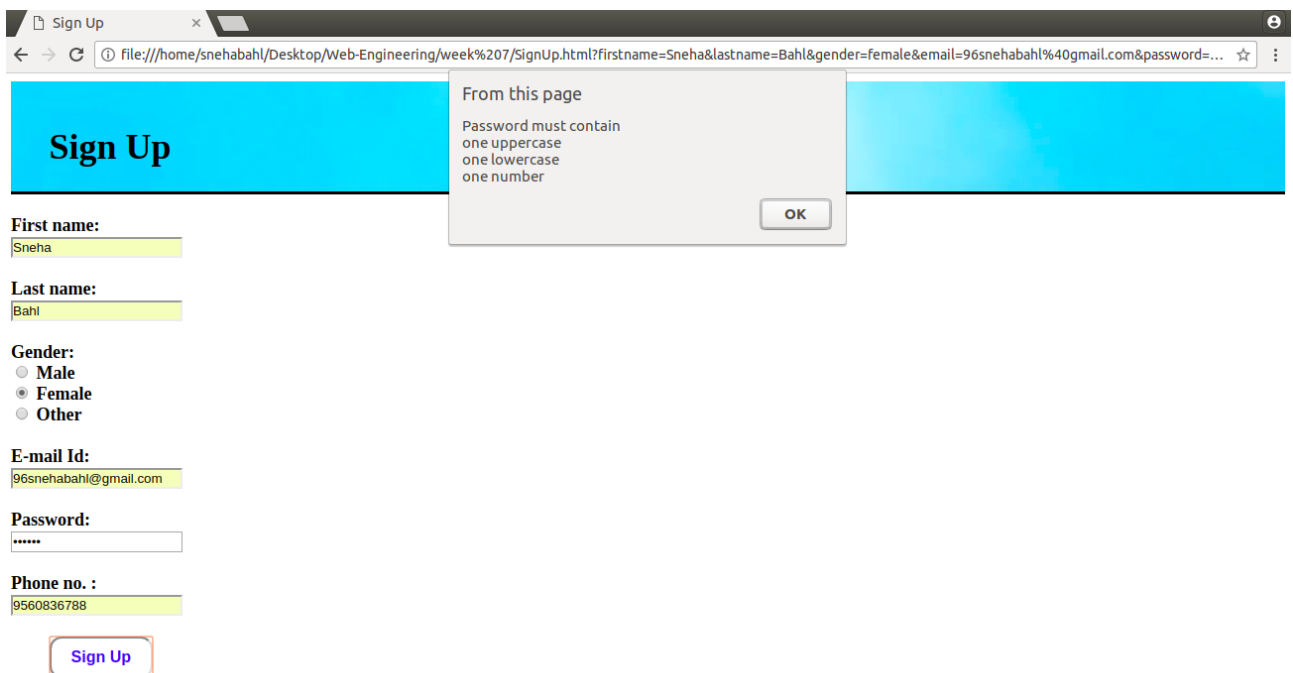
- First name:** A text input field containing 'Sneha'.
- Last name:** A text input field containing 'Bahl'.
- Gender:** Three radio button options: 'Male', 'Female' (which is selected), and 'Other'.
- E-mail Id:** A text input field containing '96snehabahl'.
- Password:** A text input field with masked characters '*****'.
- Phone no. :** An empty text input field.
- A 'Sign Up' button with a blue border and text.

Password validation

```
var strp = document.getElementById("pswd").value;
if(strp.length>5){
if (!(strp.match(/(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,}/))) {
    alert("Password must contain\none uppercase\none lowercase\none number");
    return false;
}
}
else
alert("password must be atleast 6 character long");
```



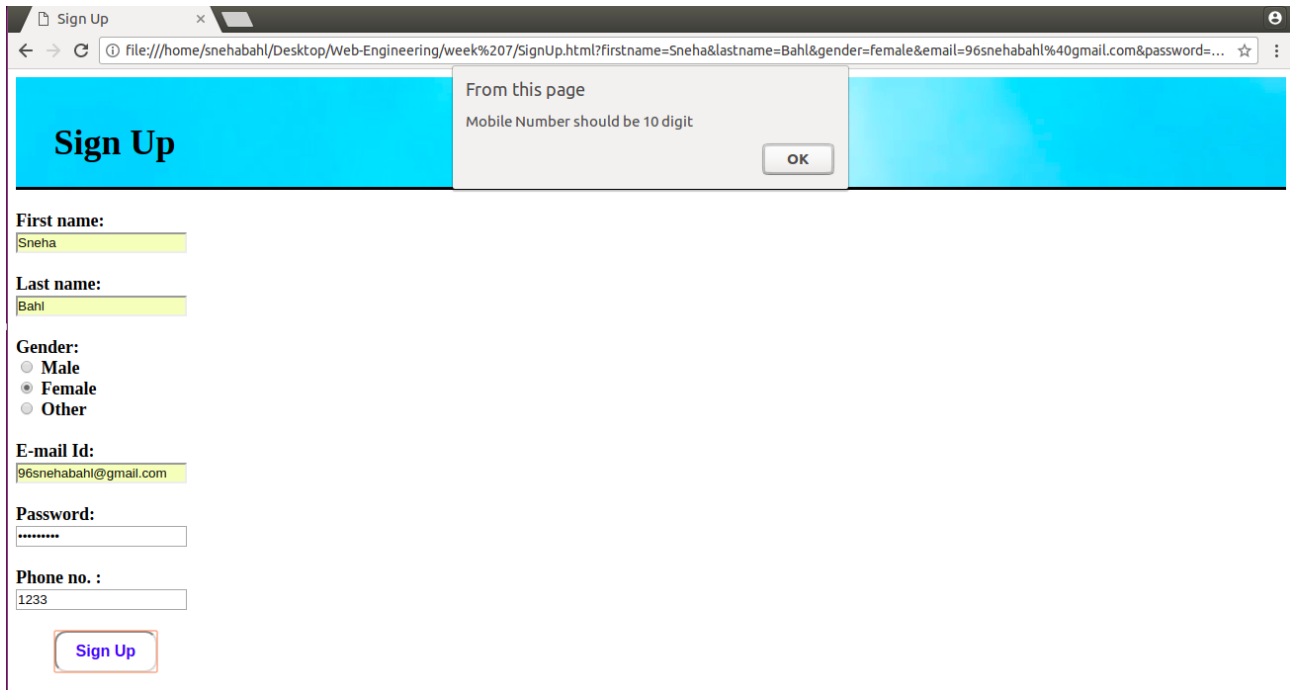
The screenshot shows a web browser window with a single tab titled 'Sign Up'. The address bar displays a file path: `file:///home/snehabahl/Desktop/Web-Engineering/week%207/SignUp.html?firstname=Sneha&lastname=Bahl&gender=female&email=96snehabahl%40gmail.com&password=...`. The page has a blue header with the text 'Sign Up'. Below the header, there is a form with the following fields: 'First name:' (Sneha), 'Last name:' (Bahl), 'Gender:' (radio buttons for Male, Female, Other; Female is selected), 'E-mail Id:' (96snehabahl@gmail.com), 'Password:' (masked with dots), and 'Phone no. :' (9560836788). A 'Sign Up' button is at the bottom. A grey error message box is overlaid on the form, stating: 'From this page password must be atleast 6 character long'. An 'OK' button is in the bottom right of the error box.



This screenshot is identical to the one above, showing the same 'Sign Up' form and browser window. The error message box is still present, displaying the same text: 'From this page Password must contain one uppercase one lowercase one number'. The 'OK' button remains in the bottom right of the error box.

Phone number validation

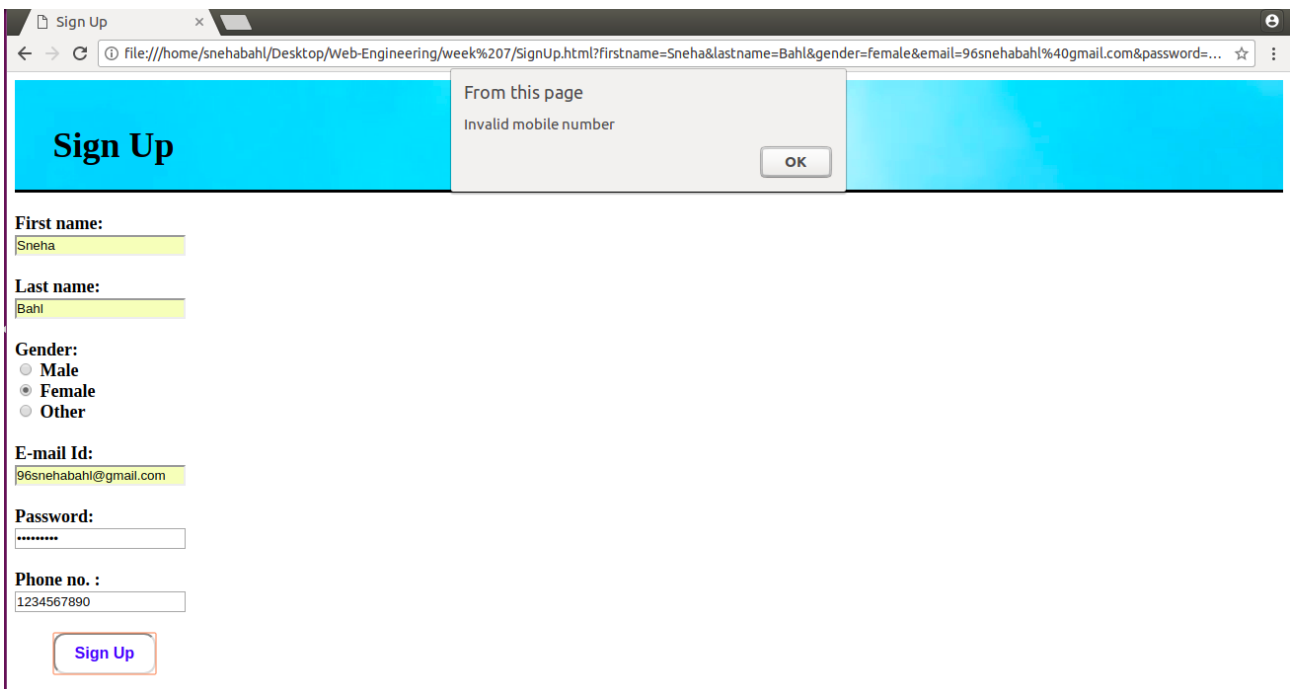
```
var str = document.forms["SignUpForm"]["pno"].value;
if(str.length==10){
    if (!(str.match(/(7|8|9)\d{9}/))) {
        alert("Invalid mobile number");
        return false;
    }
}
else
alert("Mobile Number should be 10 digit");
```



The screenshot shows a web browser window with a single tab titled 'Sign Up'. The address bar displays a file path: `file:///home/snehabahl/Desktop/Web-Engineering/week%207/SignUp.html?firstname=Sneha&lastname=Bahl&gender=female&email=96snehabahl%40gmail.com&password=...`. The page features a 'Sign Up' form with a light blue header. A validation error message is displayed in a grey box: 'From this page Mobile Number should be 10 digit', with an 'OK' button. The form fields are as follows:

- First name:** Sneha
- Last name:** Bahl
- Gender:** ☐ Male, ☒ Female, ☐ Other
- E-mail Id:** 96snehabahl@gmail.com
- Password:** (masked with dots)
- Phone no. :** 1233

A 'Sign Up' button is located at the bottom of the form.



This screenshot is similar to the one above, showing the same 'Sign Up' form. However, the validation error message in the grey box now reads: 'From this page Invalid mobile number', with an 'OK' button. The form fields are:

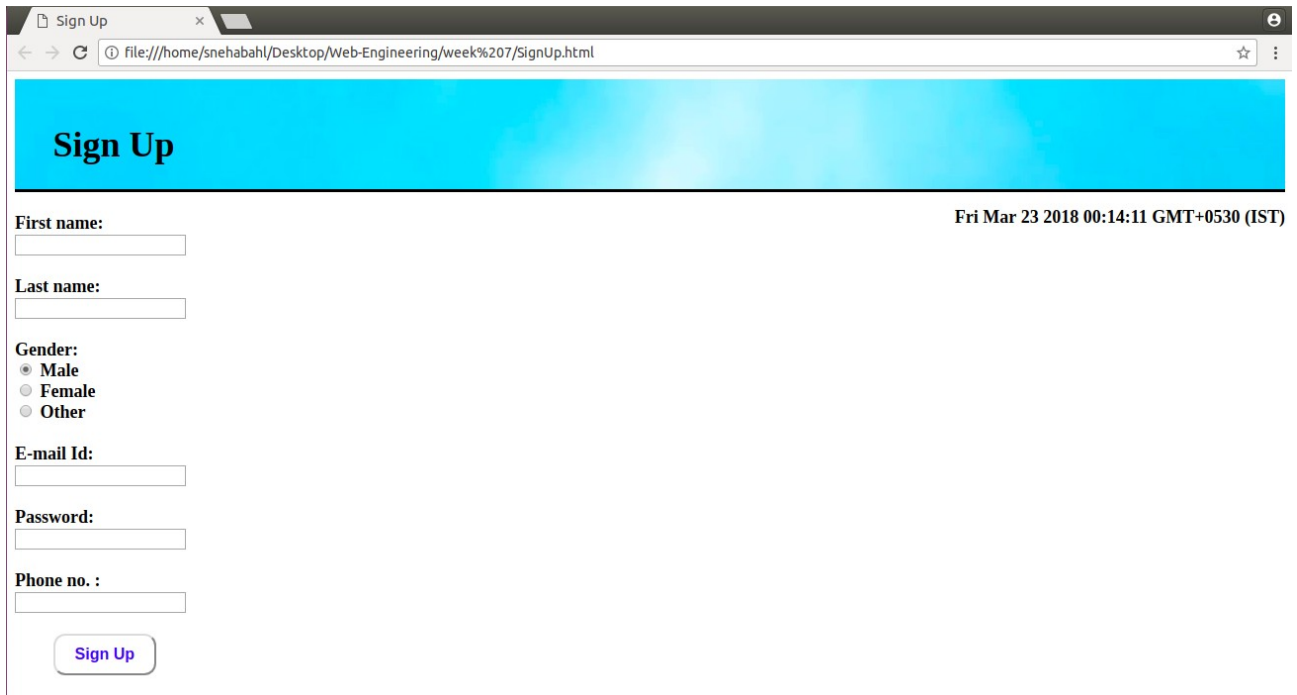
- First name:** Sneha
- Last name:** Bahl
- Gender:** ☐ Male, ☒ Female, ☐ Other
- E-mail Id:** 96snehabahl@gmail.com
- Password:** (masked with dots)
- Phone no. :** 1234567890

The 'Sign Up' button remains at the bottom.

Add Date time

```
| <p style="float:right;" id="date"></p>
```

```
d = new Date();  
document.getElementById("date").innerHTML = d.toString();
```



Sign Up

Fri Mar 23 2018 00:14:11 GMT+0530 (IST)

First name:

Last name:

Gender:
☒ Male
☐ Female
☐ Other

E-mail Id:

Password:

Phone no. :