Coding is practice... Practice your HTML Code, with help of following steps, which will give you a clear understanding about HTML Forms.

Challenge 1:
Steps:
- Open VS code.
- Select New File in the opened folder…
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given html code in the file.

```html
<!DOCTYPE html>
<html>
<body>
 <form>
   <!--label included to define what should be given as the input-->
   <label for="username">User Name</label><br>
   <!--input type as text-->
   <input type="text" name="username"> <br><br>
   <!--label included to define what should be given as the input-->
   <label for="email_id">Email id</label><br>
   <!--input type as email-->
   <input type="email" name="email_id"> <br><br>
   <!--label included to define what should be given as the input-->
   <label>Gender</label><br>
   <!--input type as radio button-->
   <input type="radio" name="gender" value="Female"> Female <br>
   <input type="radio" name="gender" value="Male"> Male <br><br>
   <!--label included to define what should be given as the input-->
   <label>Skills</label> <br>
   <!--input type as checkbox with multiple choice-->
   <input type="checkbox" name="skill1" value="HTML">HTML <br>
   <input type="checkbox" name="skill2" value="CSS">CSS <br>
   <input type="checkbox" name="skill3" value="JS">JavaScript<br><br>
   <!--input type as submit this is act as a button-->
   <input type="submit" value="Submit">
 </form>
</body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
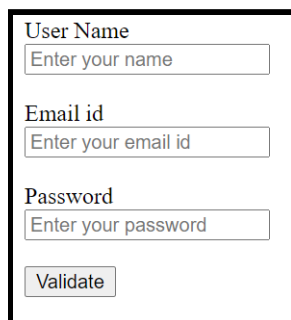- View of file in browser.

Challenge 2:
Steps:
- Open VS code.
- Select New File in the opened folder…
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given html code in the file.

```html
<!DOCTYPE html>
<html>
 <body>
   <form>
     <!-- label for getting user information-->
     <label for="username">User Name</label><br>
     <!--input element - mandatory field -->
     <input type="text" name="username" required placeholder="Enter your name">
     <br><br>
     <!-- label for getting user information-->
     <label for="email_id">Email id</label><br>
     <!--input element - mandatory field -->
     <input type="email" name="email_id" required placeholder="Enter your email
id">
     <br><br>
     <!-- label for getting user information-->
     <label for="passwrd">Password</label><br>
     <!--input element - mandatory field -->
     <input type="password" name="passwrd" required placeholder="Enter your
password">
     <br><br>
     <!--button is used with alert function -->
     <button onclick="alert('Server validating')">Validate</button>
   </form>
 </body>
</html>
```
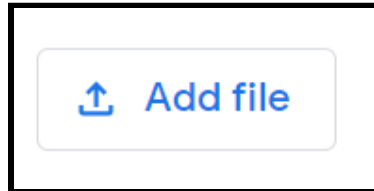
- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

User Name
Enter your name

Email id
Enter your email id

Password
Enter your password

Validate

Challenge 3:

With your new gained knowledge on HTML Forms tags create a Survey Form, that has the following:

- Input element with type= text, date, email, radio, checkbox - use require and placeholder attributes.
- Text area.
- Labels.
- Button - onclick of the button call an alert that displays form is submitted.
- Do further research and use dropdown in your form.
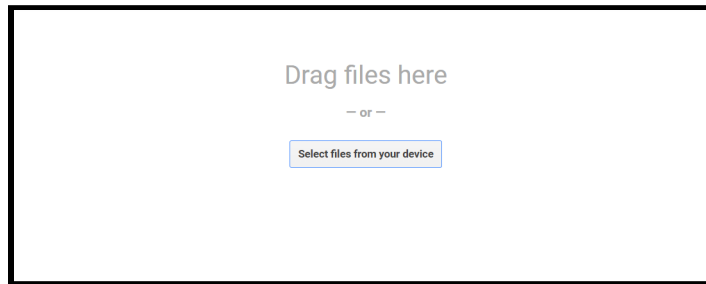
Sample output:

Process for Submission

Please upload your assignment files via this Google Form
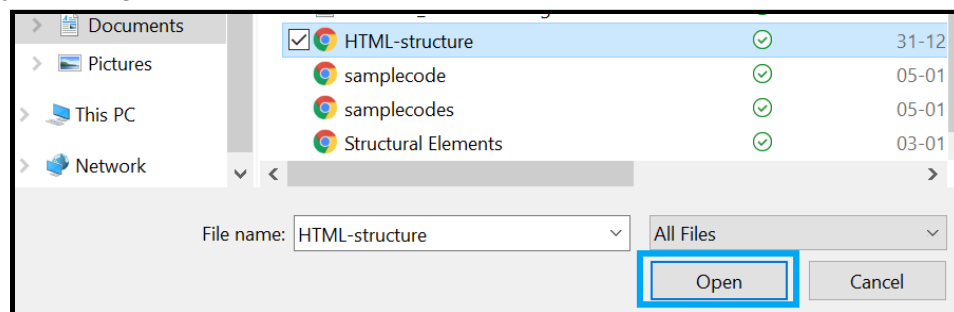
Steps to submit the assignment:

1. Open the Google Form.
2. Enter your email id, name, assignment name.
3. And upload the assignment file by clicking the Add file button.
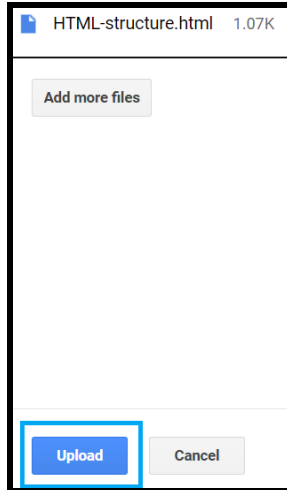

4. You can upload the file by clicking **Select file from your device** or by dragging the file and dropping it in the window opened.

5. Select your assignment file and click the **Open** button.

6. After selecting the file click on the **Upload** button.

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7. Once the file is uploaded, click on the Submit button.