

## Assignment 2

### Question

1. Create form of type input text, email, password, radio button text Area, drop down and navigate to success page and display files of form in table (CSS, HTML).

### Code


```
<!DOCTYPE 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>Registration form</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <h1 class="he">Fill The form for registration</h1>

  <form action="" class="fform">
    <table>
      <tr class="fname">
        <td>
          <label for="fn">First Name:</label>
        </td>
        <td>
          <input type="text" id="fn" placeholder="Enter your first
name">
        </td>
      </tr>
      <tr>
        <td>
          <label for="ln">Last Name:</label>
        </td>
        <td>
          <input type="text" id="ln" placeholder="Enter your last
name">

```

```
        </td>
    </tr>
    <tr>
        <td>
            <label for="em">Email:</label>
        </td>
        <td>
            <input type="email" id="em" placeholder="Enter your mail id">
        </td>
    </tr>
    <tr>
        <td>
            <label for="ps">Password:</label>
        </td>
        <td>
            <input type="password" id="ps" placeholder="Enter password">
        </td>
    </tr>
    <tr>
        <td>
            <label for="">Gender:</label>
        </td>
        <td>
            <input type="radio" id="male">Male</input>
        </td>
        <td>
            <input type="radio" id="male">Female</input>
        </td>
    </tr>
    <tr>
        <td>
            <div class="submit">
                <a href="index1.html" target="_blank" id="submit">SUBMIT</a>
            </div>
        </td>
    </tr>
</table>
</form>
</body>
</html>
```

# Output



The screenshot shows a web browser window with two tabs: 'Document' and 'Registration form'. The address bar displays the file path: file:///D:/ASSIGNMENT/Seenu%20M(Team%20Leader)/Assignment%203/Registration%20page/index.html. The main content area has a light blue background and is titled 'Fill The form for registration' in bold black text. Below the title, there are five input fields with labels: 'First Name:', 'Last Name:', 'Email:', 'Password:', and 'Gender:'. Each input field has a placeholder text: 'Enter your first name', 'Enter your last name', 'Enter your mail id', 'Enter password', and radio buttons for 'Male' and 'Female' respectively. A black 'SUBMIT' button is located below the 'Gender' section. The Windows taskbar at the bottom shows the system tray with a weather widget (83°F, Partly cloudy), several application icons, and the system clock (8:20 PM, 9/30/2022).

Document x Registration form x +

File | file:///D:/ASSIGNMENT/Seenu%20M(Team%20Leader)/Assignment%203/Registration%20page/index.html

Fill The form for registration

First Name: Enter your first name

Last Name: Enter your last name

Email: Enter your mail id

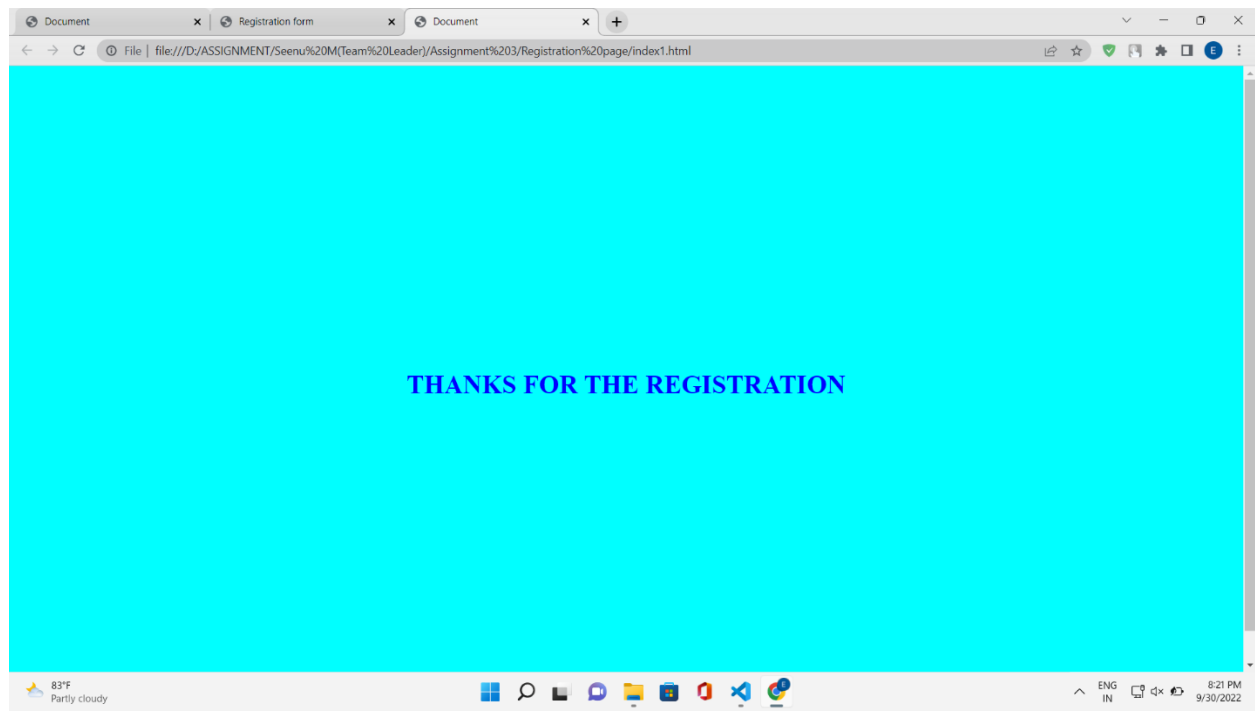
Password: Enter password

Gender: ☐ Male ☐ Female

SUBMIT

83°F Partly cloudy

8:20 PM 9/30/2022



2. For CSS create external style sheet for above task (separate CSS file and link that in html).

## Code

```
table{
  text-align: center;
  align-items: center;
}
.fform{
  line-height: 50px;
  align-items: center;
}
body{
  background-color: aqua;
}
.he{
  text-align: center;
  color: green;
}
#submit{
  color: white;
  text-decoration: none;
  font-size: 20px;
}
.submit{
  background-color: black;
  border-radius: 7px;
  margin: 30px 100px;
  width: 90px;
}
.reg{
  text-align: center;
  color: blue;
  margin: 50vh 0;
}
```

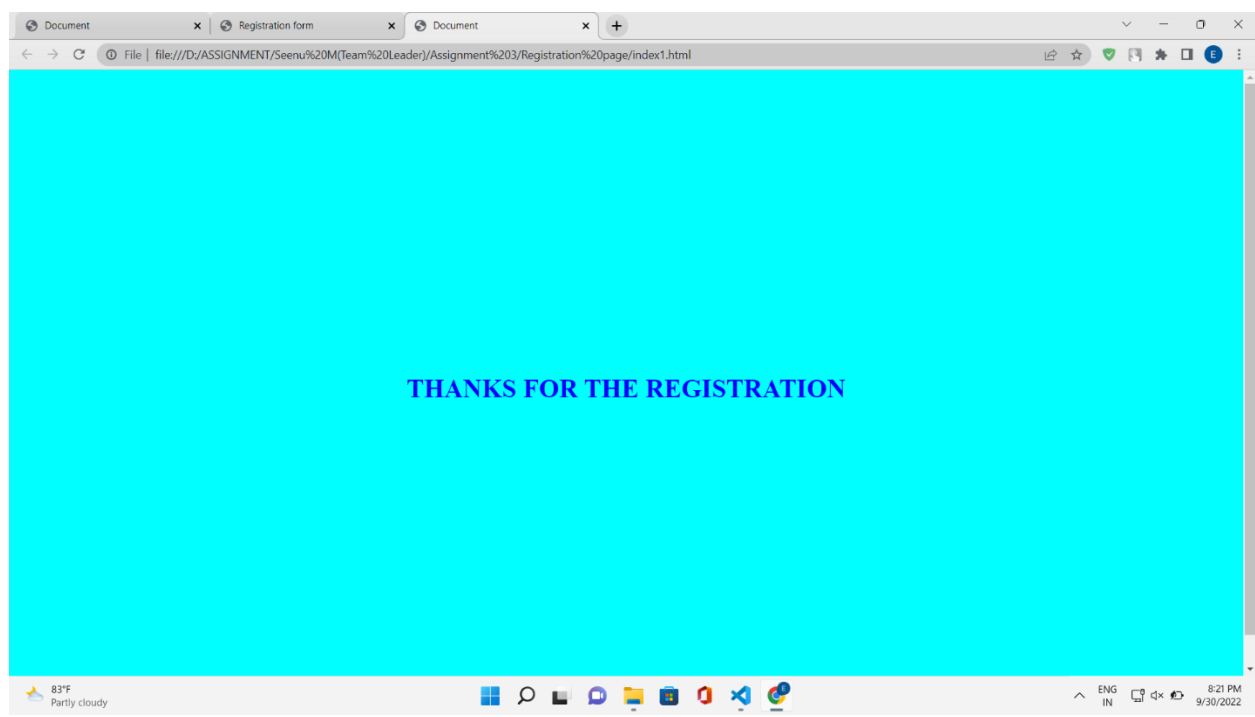
# Output



The screenshot shows a web browser window with two tabs: 'Document' and 'Registration form'. The address bar displays the file path: file:///D:/ASSIGNMENT/Seenu%20M(Team%20Leader)/Assignment%203/Registration%20page/index.html. The main content area has a light blue background and is titled 'Fill The form for registration' in bold black text. The form includes the following fields and options:

- First Name:
- Last Name:
- Email:
- Password:
- Gender: ☒ Male ☐ Female
- A black 'SUBMIT' button.

The Windows taskbar at the bottom shows the system clock as 8:20 PM on 9/30/2022, with a weather widget indicating 83°F and 'Partly cloudy'.



3. Create sample program for Flask HTTP methods (list or map and Perform operations of PUT, GET, DELETE and POST).

## Code

### Flask file

```
from flask import Flask, redirect, url_for, render_template, request
app = Flask(__name__, template_folder='template')

@app.route("/")
def home():
    return render_template("index.html")

@app.route("/login", methods=["POST", "GET"])
def login():
    if request.method == "POST":
        user = request.form["nm"]
        return redirect(url_for("user", usr=user))
    else:
        return render_template("login.html")

@app.route("/<usr>")
def user(usr):
    return f"<h1>{usr}</h1>"

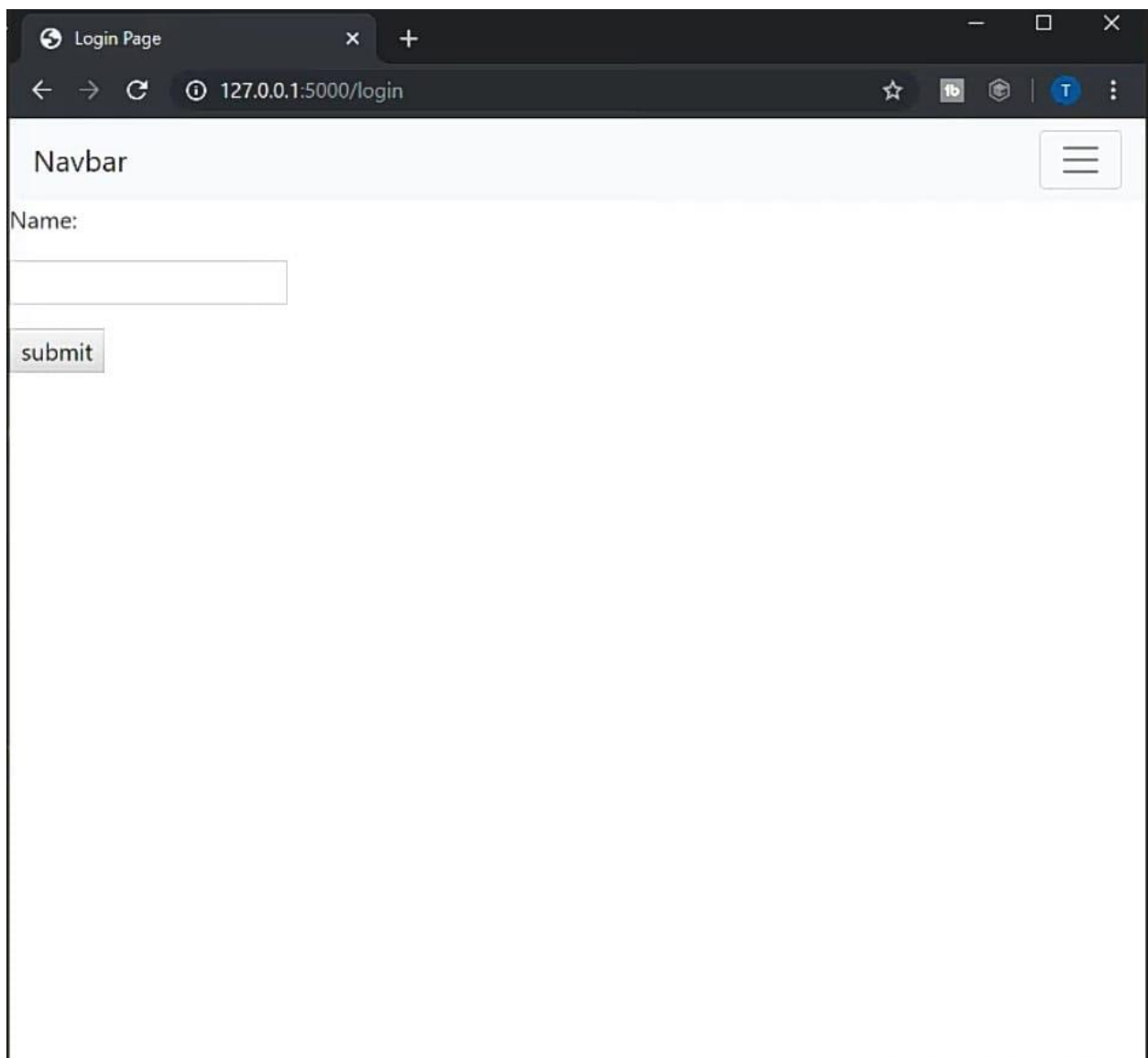
if __name__ == "__main__":
    app.run(debug=True)
```

### HTML File

```
<!DOCTYPE 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>Document</title>
</head>
<body>
    <h1>Hello</h1>
</body>
</html>
```

```
{% extends "base.html" %}
{% block title %}Login Page {% endblock %}
{% block content %}
<form action="#" method="post">
  <p>name:</p>
  <p><input type="text" name="nm"></p>
  <p><input type="submit" value="submit" name="nm"></p>
</form>
{% endblock %}
```

## Output



The screenshot shows a web browser window with the title "Login Page". The address bar displays "127.0.0.1:5000/login". The page content includes a "Navbar" section with a hamburger menu icon. Below the navbar, the text "Name:" is followed by a text input field. A "submit" button is located below the input field.

```
127.0.0.1 - - [02/Nov/2019 16:25:50] "[37mPOST /login HTTP/
1.1[0m" 200 -
127.0.0.1 - - [02/Nov/2019 16:25:51] "[37mPOST /login HTTP/
1.1[0m" 200 -
127.0.0.1 - - [02/Nov/2019 16:25:52] "[37mPOST /login HTTP/
1.1[0m" 200 -
127.0.0.1 - - [02/Nov/2019 16:25:55] "[37mPOST /login HTTP/
1.1[0m" 200 -
127.0.0.1 - - [02/Nov/2019 16:25:59] "[37mPOST /login HTTP/
1.1[0m" 200 -
* Detected change in 'C:\\Users\\timot\\Desktop\\Python\\_Y
outube\\flask tutorial\\tutorial 4.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 334-119-084
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
* Detected change in 'C:\\Users\\timot\\Desktop\\Python\\_Y
outube\\flask tutorial\\tutorial 4.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 334-119-084
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [02/Nov/2019 16:28:26] "[37mGET /login HTTP/1
.1[0m" 200 -
```