

## Assignment 1

Assignment Date	19 September 2022
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Team ID	PNT2022TMID32929
Maximum Marks	2 Marks

**1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.**

### Registration.html

```
<html>
  <head>
    <title>
      Registration Form
    </title>
    <link rel="stylesheet" href="style.css" />
    <script type="text/javascript" src="index.js"></script>
  </head>
  <body>
    <form action="result.html" method="POST">
      <p>Username <input type = "text" name = "Username" /></p>
      <p>Email <input type = "email" name = "Email" /></p>
      <p>Phone number<input type = "Phonenumber" name = "Phonenumber" /></p>
      <p><input type="submit" onclick="handleSubmit()"/></p> </form>
    </body>
  </html>
```

### Result.html

```
<html>
  <head>
    <title>
      Result Page
    </title>
    <link rel="stylesheet" href="style.css" />
    <script type="text/javascript" src="result.js" ></script>
  </head>
  <body> <h1>
    Result Page
  </h1>
  <h2>
    Username: <span id="result-Username" />
  </h2>
```

```

    <h2>
      Email: <span id="result-Email" />
    </h2>
    <h2>
      Phonenumber: <span id="result-Phonenumber" />
    </h2>
  </body>
</html>

```

```

Style.css body{
  width: 100%; height: 100vh;
  margin: 0; overflow: hidden;
  background-color: cadetblue;
  padding: 30px;
}
form{
  margin: 200px auto 0 auto; display:
  flex;
  flex-direction: column;
}

input{
  width: 200px;
  margin: 10px auto;
  height: 30px;
  padding: 0 10px;
  border-radius: 4px;
}

```

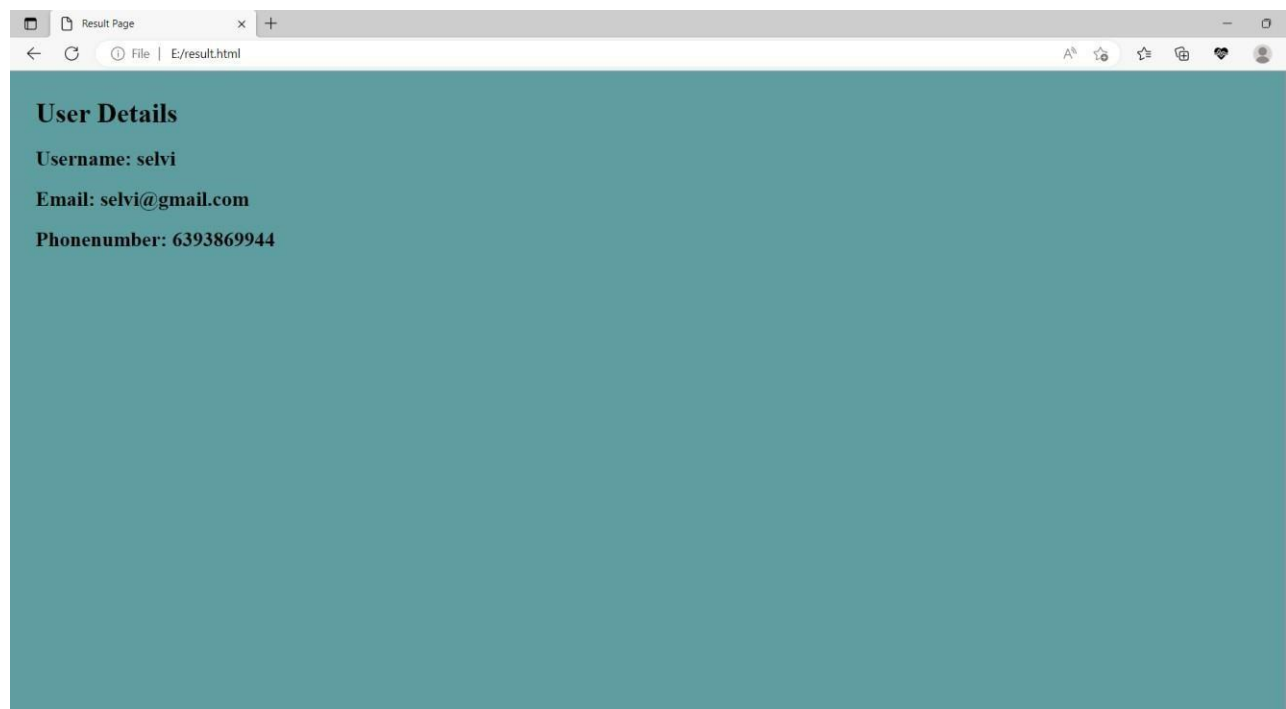
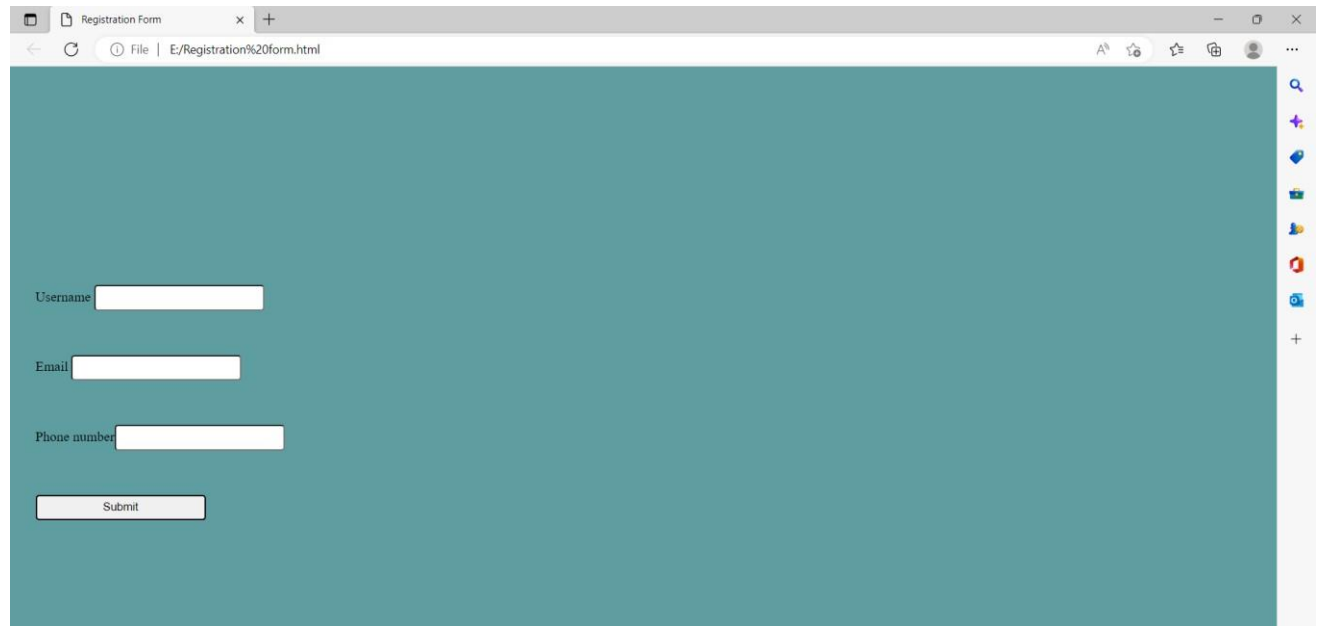
```

Result.js
window.addEventListener('load', () => { // Via Query parameters
  - GET const params = (new
  URL(document.location)).searchParams; const name =
  params.get('name'); const surname = params.get('surname');
  document.getElementById('result-name').innerHTML = name;
  document.getElementById('result-surname').innerHTML = surname;

})

```

**Output:**



**2. Develop a flask program which should contain at least 5 packages used from pypi.org. app.py**

```
from flask import Flask, redirect, url_for
app = Flask(__name__)

name_)
```

```
@app.route('/admin')
```

```
def hello_admin():
```

```
    return "hello admin"
```

```
@app.route('/guest/<guest>')
```

```
def hello_guest(guest):
```

```
    return "hello %s guest" %guest
```

```
@app.route('/user/<name>')
```

```
def hello_user(name):
```

```
if(name=='admin'):
```

```
    return redirect(url_for("hello_admin")) else:
```

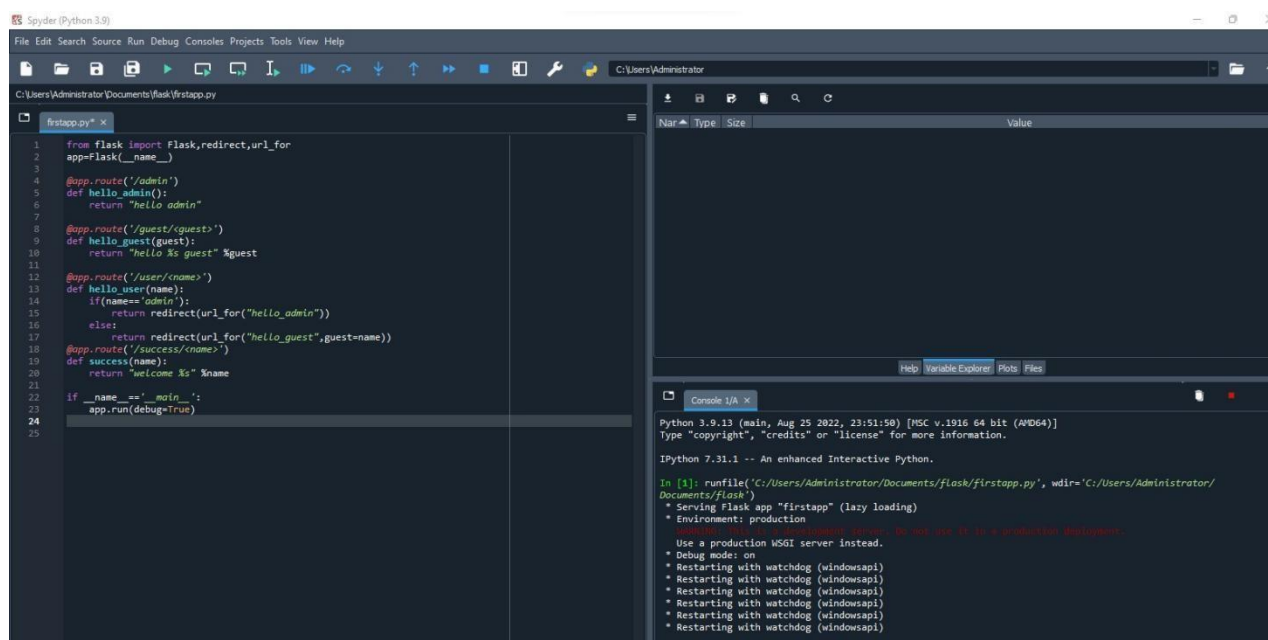
```
    return redirect(url_for("hello_guest",guest=name))
```

```
@app.route('/success/<name>')
```

```
) def success(name): return
```

```
"welcome %s" %name if __name
```

```
=='_main_': app.run(debug=True)
```



The screenshot shows the Spyder Python IDE interface. The left pane displays the code from the previous blocks, which has been copied into a file named `firstapp.py`. The code defines a Flask application with routes for `/admin`, `/guest/<guest>`, `/user/<name>`, and `/success/<name>`. The `hello_admin` function returns "hello admin". The `hello_guest` function returns "hello %s guest" %guest. The `hello_user` function checks if the name is 'admin' and redirects to the admin page, otherwise it redirects to the guest page. The `success` function returns "welcome %s" %name. The `__main__` block runs the application with debug mode enabled.

The right pane shows the IPython console output. It displays the command `runfile('C:/Users/Administrator/Documents/flask/firstapp.py', wdir='C:/Users/Administrator/Documents/flask')` and the output of the application, which includes the Flask version (7.31.1) and the environment (production). The output also shows the use of a production WSGI server instead of the development server, and the debug mode is on. The console output includes several warnings about restarting with watchdog (windowsapi).

```
Administrator C:\Windows\System32\cmd.exe - python app.py
Microsoft Windows [Version 10.0.22000.1000]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator\Documents\flask>python app.py
python is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Administrator\Documents\flask>python app.py
* Serving Flask app "app"
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 572-027-488
```

