# Assignment 1

| | |
|---|---|
| **Assignment Date** | 19 September 2022 |
| **Student Name** | M.Subasri |
| **Student Roll Number** | 820419104074 |
| **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
<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>
```
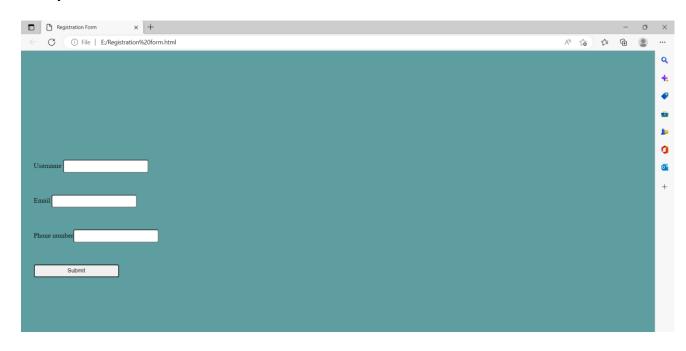
**Result.html**

```html
<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" />
```

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

**Style.css**
```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**
```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**

```python
from flask import Flask,redirect,url_for

app=Flask(_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)
```

```python
from flask import Flask,redirect,url_for
app=Flask(__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)
```
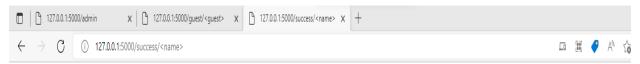
```
Python 3.9.13 (main, Aug 25 2022, 23:51:50) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.31.1 -- An enhanced Interactive Python.

In [1]: runfile('C:/Users/Administrator/Documents/flask/firstapp.py', wdir='C:/Users/Administrator/
Documents/flask')
 * Serving Flask app "firstapp" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with watchdog (windowsapi)
 * Restarting with watchdog (windowsapi)
 * Restarting with watchdog (windowsapi)
 * Restarting with watchdog (windowsapi)
 * Restarting with watchdog (windowsapi)
 * Restarting with watchdog (windowsapi)
```



```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator\Documents\flask>pythom app.py
'pythom' 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
```



hello admin

127.0.0.1:5000/guest/<guest>

hello guest

127.0.0.1:5000/success/<name>

welcome