

Assignment -1
Python Programming

Assignment Date	26 September 2022
Student Name	Keerthi Selvakumar
Student Roll Number	311519104028
Maximum Marks	2 Marks

ASSIGNMENT- 1

- 1) CREATE REGISTRATION PAGE IN HTML WITH USERNAME, EMAIL AND PHONE NUMBER AND BY USING POST METHOD DISPLAY IT IN NEXT HTML PAGE.**

AND

- 2) DEVELOP A FLASK PROGRAM WHICH SHOULD CONTAIN ATLEAST 5 PACKAGES USED FROM PYPI.ORG**

PROGRAM:

Html file :

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body{
  font-family: Calibri, Helvetica, sans-serif;
}
.container {
  padding: 50px;
  height:500px;
  width:500px;
  background-color: lightblue;
  align-items: center;
  margin-left:500px;
}

input[type=text], input[type=password], textarea {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
  background-color: orange;
  outline: none;
}
```

```

div {
    padding: 10px 0;
}
hr {
    border: 1px solid #f1f1f1;
    margin-bottom: 25px;
}
.registerbtn {
    background-color: #4CAF50;
    color: white;
    padding: 16px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
.registerbtn:hover {
    opacity: 1;
}
</style>
</head>
<body>
<form action="http://localhost:5000/login" method="POST">
<div class="container">
<center> <h1> Student Registration Form</h1> </center>
<hr>
<label> <b>Name</b> </label>
<input type="text" name="name" placeholder="Name" size="15" required />
<label for="email"><b>Email</b></label>
<input type="text" placeholder="Enter Email" name="email" required>
<label>
<b>Phone :</b>
</label>
<input type="text" name="phone" placeholder="phone no." size="10" required>
<button type="submit" class="registerbtn">Register</button>
</div>
</form>
</body>
</html>

```

Python file:

```

# -*- coding: utf-8 -*-
"""

```

Created on Sun Oct 9 20:05:18 2022

```

@author: keert
"""

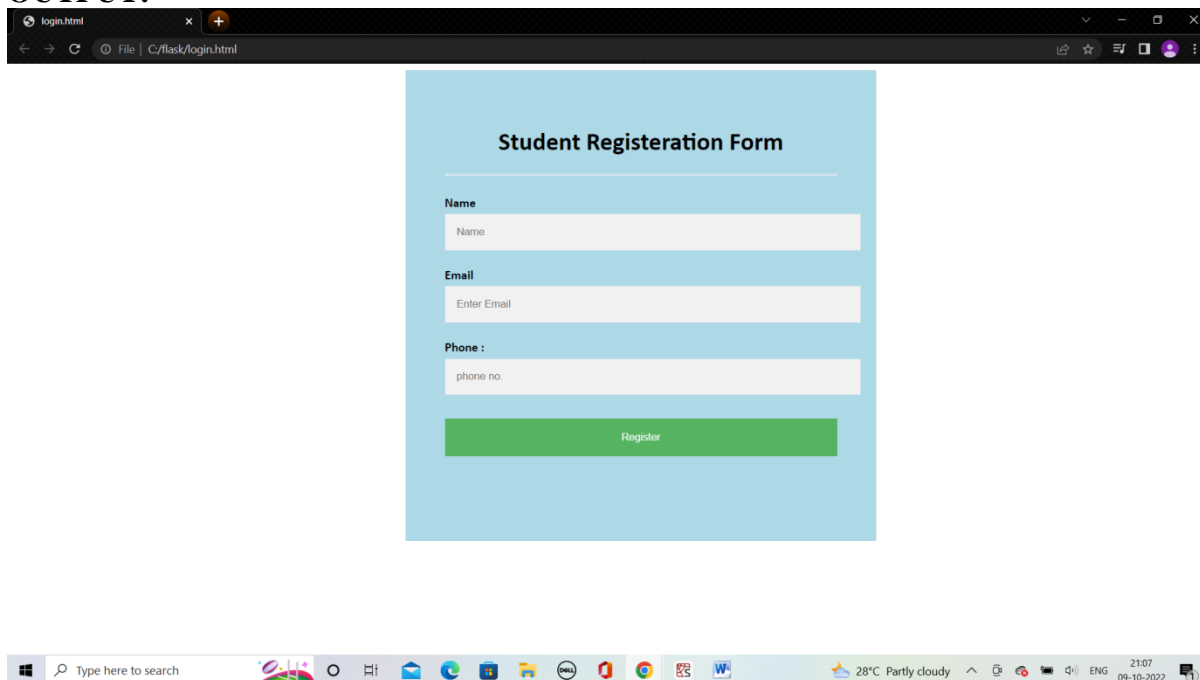
```

```

from flask import Flask,redirect,url_for,render_template,request
app=Flask(__name__)
#@app.route('/success/<name>')
@app.route('/success/<name>/<email>/<phone>')
def success(name,email,phone):
    return "welcome " + name + "<br>Your Email " + email+"<br>Your Phone " + phone
@app.route('/login',methods=["POST","GET"])
def login():
    if request.method=="POST":
        user=request.form["name"]
        mail=request.form["email"]
        pho=request.form["phone"]
        return redirect(url_for('success',name=user,email = mail,phone = pho))
        #return redirect("login.html",y = user)
if __name__=='__main__':
    app.run(debug=True)

```

OUTPUT:



The screenshot shows a web browser window with the address bar displaying 'login.html' and the file path 'C:/flask/login.html'. The main content area displays a 'Student Registration Form' on a light blue background. The form includes three input fields: 'Name' with a placeholder 'Name', 'Email' with a placeholder 'Enter Email', and 'Phone :' with a placeholder 'phone no.'. Below these fields is a green 'Register' button. The Windows taskbar at the bottom shows the search bar, several application icons, the system clock, and the date '09-10-2022'.

The screenshot shows a web browser window with the address bar displaying 'login.html' and the file path 'C:/flask/login.html'. The main content is a 'Student Registration Form' on a light blue background. The form includes three input fields: 'Name' (containing 'Keerthi Selvakumar'), 'Email' (containing 'keerthiselvakumar123@gmail.com'), and 'Phone :' (containing '9080029730'). Below these fields is a green 'Register' button.

The screenshot shows a web browser window with the address bar displaying 'localhost:5000/success/Keerthi%20Selvakumar/keerthiselvakumar123%40gmail.com/9080029730'. The main content is a success message: 'welcome Keerthi Selvakumar', 'Your Email keerthiselvakumar123@gmail.com', and 'Your Phone 9080029730'.

The screenshot shows a Windows taskbar with the search bar 'Type here to search' and various application icons. The system tray on the right shows the temperature '28°C', the date '09-10-2022', and the time '21:08'.

The packages are:

1. Flask
2. Redirect
3. url_for
4. render_template
5. request