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;
}
```

```css
 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 Registeration 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>
```
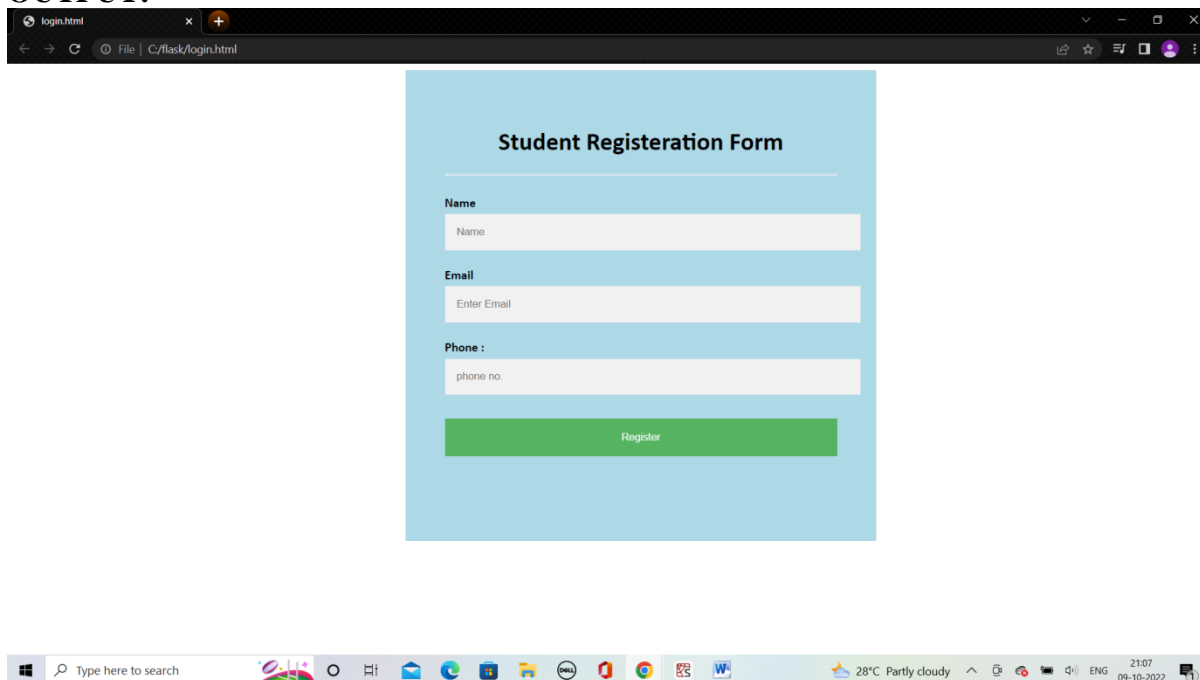
Python file:

```python
# -*- coding: utf-8 -*-
"""
Created on Sun Oct  9 20:05:18 2022

@author: keert
"""
```

```python
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:

Student Registeration Form

Name
Keerthi Selvakumar

Email
keerthiselvakumar123@gmail.com

Phone :
9080029730

Register

welcome Keerthi Selvakumar
Your Email keerthiselvakumar123@gmail.com
Your Phone 9080029730

The packages are:
1. Flask
2. Redirect
3. url_for
4. render_template
5. request