Assignment -1
Python Programming

Assignment Date	19 September 2022
Student Name	Soundar M
Student Roll Number	73151921049
Maximum Marks	2 Marks

Question-1:

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

Question-2:

2. Develop a flask program which should contain at least 5 packages used from pypi.org
Note:- Following application contains (Flask , render_template, url_for, redirect, request) So both Questions have same Answers

Source Code:

App.py

```python
app.py > login
1   from tkinter.tix import Form
2   from flask import Flask ,render_template,url_for,redirect,request
3
4   app = Flask(__name__)
5
6
7   @app.route('/')
8   def index():
9       return render_template("index.html")
10  @app.route('/success/<name>/<phone>/<email>')
11  def success(name=None,phone=None,email=None):
12      return " <h1>Registered</h1><h2>Login details:-</h2>  {} <br>{} <br> {} ".format(name , phone ,email)
13
14  @app.route("/login",methods =['POST','GET'])
15  def login():
16      if request.method == 'POST':
17
18          user = request.form['name']
19          email = request.form['email']
20          phone = request.form['phone']
21          return redirect(url_for("success", name = user ,phone = phone ,email = email ))
22
23      else:
24          user = request.args.get("input_name")
25          return redirect(url_for("success",name=user))
26
27
28  if __name__ == '__main__':
29      app.run(debug=True)
```

index.html

```html
<!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">
    <link rel="stylesheet" href="/static/css/style.css">

    <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">

    <title>Registration page </title>
</head>

<body>

    <form method="post" action="login">
        <div class="login-box">
        <h1>REGISTRATION</h1>
        <div class="user-box">
            <label for="name" class="form-label">Enter the name</label>
            <input type="text" class="form-control" id="name " name="name" placeholder=" NAME">
        </div>

        <div class="user-box">
            <label for="exampleInputEmail1" class="form-label"> Email address</label>
            <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder=" EMAIL">
        </div>

        <div class="user-box">
            <label for="phone" class="form-label"> Enter the phone number</label>
            <input type="text" class="form-control" name="phone" id="phone" placeholder=" PHONE NUMEBER">
        </div class="button-form">
        <button  type="submit" herf="#" id="submit">Submit</button>
    </div>
    </form>

</body>

</html>
```
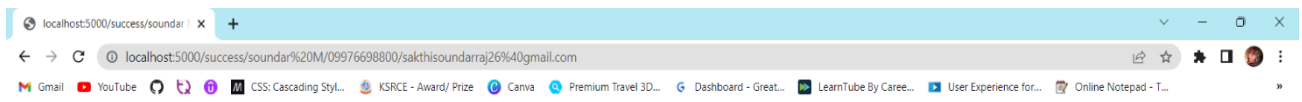
style.css

```css
@import url('https://fonts.googleapis.com/css2?family=Nunito+Sans:wght@200&display=swap');
:root{
    --font-style:var(--font-style)
}
*{
    box-sizing: border-box;
}

body {
    height: auto;
    background-color: #131315;
    font-family: var(--font-style);
}

.login-box {
    position :absolute;
    top: 50%;
    left: 50%;
    width: 400px;
    padding: 40px;
    transform: translate(-50%,-50%);
    background: #242026;
    box-shadow: 0 15px 25px rgba(143, 124, 236, 0.7);
    border-radius: 10px;
}
.login-box h1{
    margin:0 0 30px;
    padding: 0;
    color: rgb(236, 230, 230);
    text-align: center;
}

.login-box .user-box input{
    position: relative;
    width: 100%;
    padding: 10px 0;
    font-size: 16px;
    color: #fff;
    margin-bottom: 1px solid #fff;
    outline:none;
    background: transparent;
}

.login-box .user-box label{
    position:relative;
    left: 0;
    padding: 10px;
```

```css
  font-size: 16px;
  color: #fff;
  pointer-events: none;
  transition: .5s;
}

.login-box .user-box input:focus-label, .login-box .user-box:valid-label{
  top: -85px;
  left: 0;
  color: #8F7CEC;
  font-size: 12px;
}
.button-form{
  top: 50%;
  left: 50%;
  width: 400px;
  padding: 40px;
  display:flex;
  flex-direction: row;
  margin-top: 20px;

}
#submit{
  position: center;
  padding: 5px 20px;
  color: #115b94;
  font-size: 16px;
  text-decoration: none;
  text-transform: uppercase;
  overflow: hidden;
  transition: .5s;
  letter-spacing: 4px;
  border: 1px solid #8F7CEC;
  margin: auto;
}

#submit:hover{
  background: #8F7CEC;
  color: #fff;
  border-radius: 5px;
  box-shadow: 0 0 5px #8F7CEC, 0 0 25px #8F7CEC, 0 0 50px #8F7CEC,0 0 100px #8F7CEC;
}
```

Output:-

Index page:-

Login successful page:-

Registered

Login details:-

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