

Assignment -1
Python Programming

Assignment Date	19 September 2022
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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

```
from flask import Flask, request, render_template, url_for, redirect
app = Flask(__name_)
@app.route('/success/<name>')
def success(name):
    return 'welcome %s' %name
@app.route('/login', methods =['GET', 'POST'])
def login():
    if request.method=="POST":
        first_name = request.form.get("username")
        email_id = request.form.get("email")
        phone_num = request.form.get("number")
        return "Your name is" +first_name + "Your email is" +email_id + "Your Phone number is"
+phone_num
        return redirect(url_for('success',name = first_name))

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

index.html

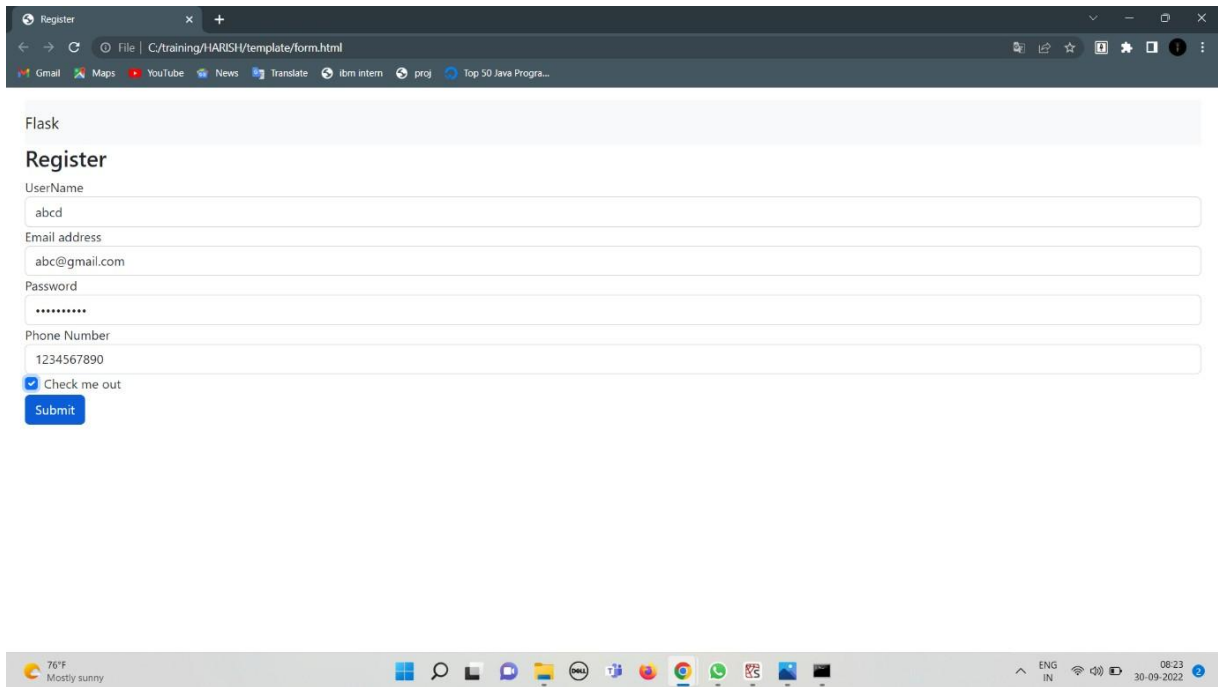
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Register</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
    crossorigin="anonymous"
  />
</head>
<body class="px-4 py-3">
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">Flask</a>
    <button
      class="navbar-toggler"
      type="button"
      data-toggle="collapse"
      data-target="#navbarNavAltMarkup"
      aria-controls="navbarNavAltMarkup"
      aria-expanded="false"
      aria-label="Toggle navigation"
    >
      <span class="navbar-toggler-icon"></span>
    </button>
  </nav>
  <h3>Register</h3>
  <form action="http://localhost:5000/login" method="POST">
    <div class="form-group">
      <label for="exampleInputUserName">UserName</label>
      <input
        type="text"
        class="form-control"
        id="exampleInputUserName"
        placeholder="UserName"
        name="username"
      />
    </div>
    <div class="form-group">
      <label for="exampleInputEmail1">Email address</label>
      <input
        type="email"
```

```
        class="form-control"
        id="exampleInputEmail1"
        aria-describedby="emailHelp"
        placeholder="Enter email"
        name="email"
    />
</div>
<div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input
        type="password"
        class="form-control"
        id="exampleInputPassword1"
        placeholder="Password"
        name="password"
    />
</div>
<div class="form-group">
    <label for="exampleInputPhoneNumber">Phone Number</label>
    <input
        type="number"
        class="form-control"
        id="exampleInputPhoneNumber"
        placeholder="Phone Number"
        name="number"
    />
</div>

<div class="form-check">
    <input type="checkbox" class="form-check-input" id="exampleCheck1" />
    <label class="form-check-label" for="exampleCheck1">Check me out</label>
</div>
<button type="submit" class="btn btn-primary">Submit</button>
</form>
</body>
</html>
```

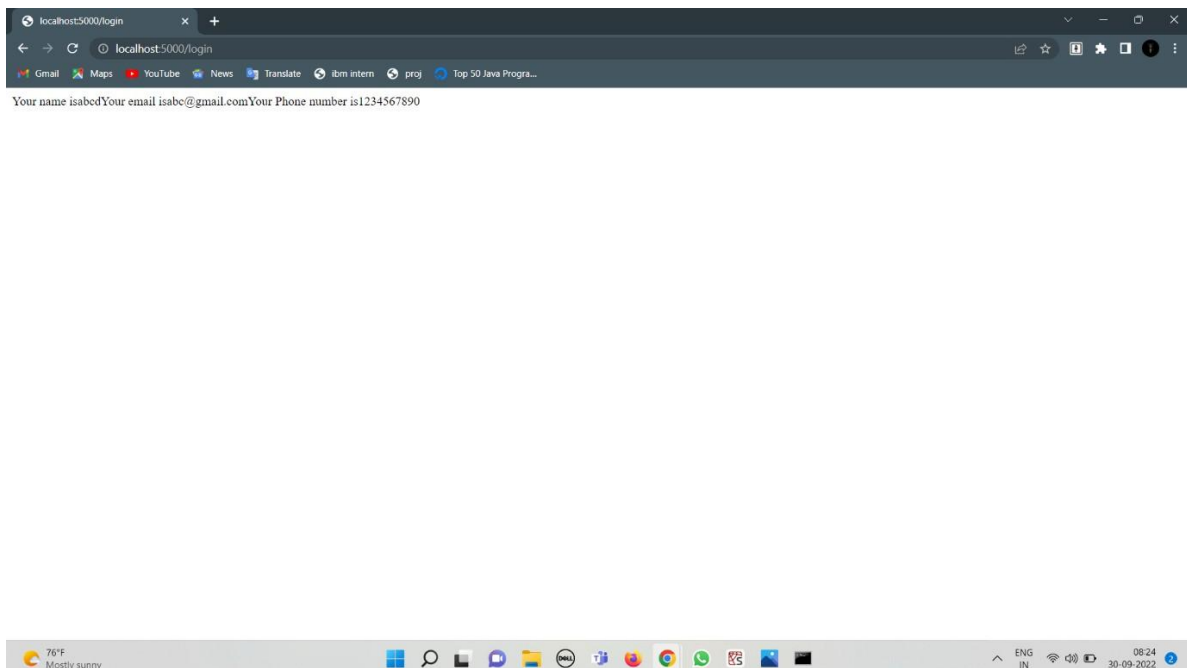
Output:-

Index Page:-



The screenshot shows a web browser window with the title 'Register'. The address bar displays 'C:/training/HARISH/template/form.html'. The page content includes a header 'Flask' and a main title 'Register'. Below the title, there are five input fields: 'UserName' (containing 'abcd'), 'Email address' (containing 'abc@gmail.com'), 'Password' (containing '*****'), and 'Phone Number' (containing '1234567890'). There is a checkbox labeled 'Check me out' which is checked. A blue 'Submit' button is located at the bottom of the form. The Windows taskbar at the bottom shows the system tray with a weather widget (76°F, Mostly sunny), a search icon, and various application icons. The system clock shows 08:23 on 30-09-2022.

Login successful page



The screenshot shows a web browser window with the title 'localhost:5000/login'. The address bar displays 'localhost:5000/login'. The page content shows a successful login message: 'Your name isabcdYour email isabc@gmail.comYour Phone number is1234567890'. The Windows taskbar at the bottom shows the system tray with a weather widget (76°F, Mostly sunny), a search icon, and various application icons. The system clock shows 08:24 on 30-09-2022.