

ASSIGNMENT 1

TEAM ID: PNT2022TMID04575

PROJECT NAME: Personal Expense Tracker

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

Register.html

```
<html>

<head>

<style>

    *{

        padding: 0;

        box-sizing:content-box;

    }

    body{

        background-image: linear-gradient(to right,rgb(129, 219, 159), white);

        background-size:cover;

    }

    .login{

        text-align: center;

        width: 25%;

        height: 30%;

        padding: 25px;

        margin-left: auto;

        margin-right:auto;

        margin-top: 10%;

        color: black;
```

```
        font-size: large;
        transition: all 0.5s;
    }
</style>
</head>

<body>

<div class=login>

<form action="http://localhost:5000/login" method="POST">

<fieldset>

<legend> Details</legend>

<p>Enter Email ID:</p>

<p><input type="email" name="mail" placeholder="Enter your mail" required/></p>

<p>Enter Username:</p>

<p><input type="text" name="nm" placeholder="Enter your username" required/></p>

<p>Enter Phone Number:</p>

<p><input type="tel" name="phone" / placeholder="Enter your phone number"
required></p>

<p><input type="submit" value="submit"/></p>

</fieldset>

</form>

</div>

</body>

</html>
```

Form.html

```
<html>

<head>

<style>

    body{
```

```
background-image: linear-gradient(to right,rgb(242,139,98), white);
background-size:cover;
}
```

```
.details{
text-align:center;
margin-left: auto;
margin-right:auto;
margin-top: 10%;
}
```

```
p{
font-size: 25px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class=details>
```

```
<h1> Thank you for submitting the form....</h1>
```

```
<h3> Check the details that you have entered...</h3>
```

```
<br>
```

```
<p> EMAIL ID   : {{email}} <br>
```

```
USER NAME   : {{name}} <br>
```

```
PHONE NUMBER : {{phone}} </p>
```

```
</div>
```

```
</body>
```

</html>

App.py

```
from flask import Flask,redirect,url_for,render_template,request

app=Flask(__name__)

@app.route('/login',methods=["POST","GET"])

def login():

    if request.method=="POST":

        mail=request.form["mail"]

        user=request.form["nm"]

        phone=request.form["phone"]

        title="Thank you!"

        return render_template("form.html",email=mail,name=user,phone=phone)

if __name__=='__main__':

    app.run(debug=True)
```

Enter Email ID:

user@123.com

Enter Username:

user

Enter Phone Number:

1234567890

submit

Thank you for submitting the form....

Check the details that you have entered...

EMAIL ID : user@123.com
USER NAME : user
PHONE NUMBER : 1234567890

2. Develop a flask program which should contain at least 5 packages used from pypi.org.

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">

</head>
<body>
<form action="http://localhost:5000/login" method="post">
  <p> Enter the name</p>
  <p><input type="text" name="input_name"></p>
  <p><input type="submit" name="submit"></p>
</form>
</body>
</html>
```

App.py

```
from flask import Flask,redirect,url_for,render_template,request
app=Flask(__name__)
```

```
@app.route('/')
```

```

def index():
    return render_template("index.html")
@app.route('/success/<name>')
def success(name):
    return "welcome %s"%name

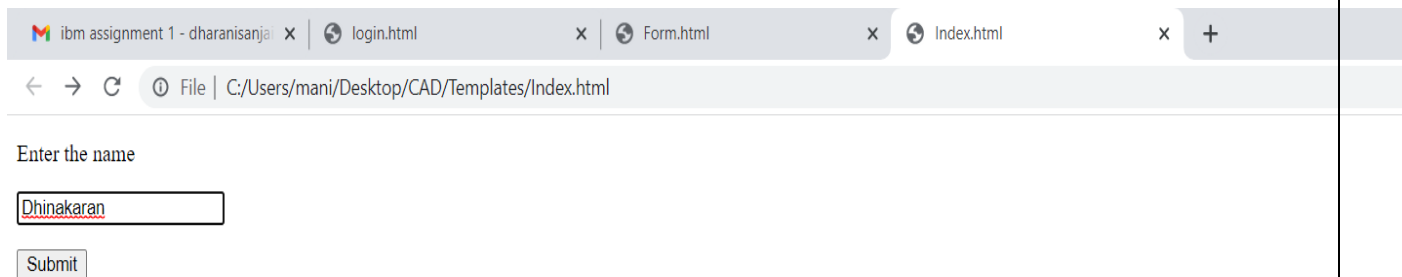
@app.route('/login',methods=["POST","GET"])
def login():
    if request.method=="POST":

        user=request.form["nm"]

        return redirect(url_for("success", name = user))
    else:
        user=request.args.get("input_name")
        return redirect(url_for("success",name=user))

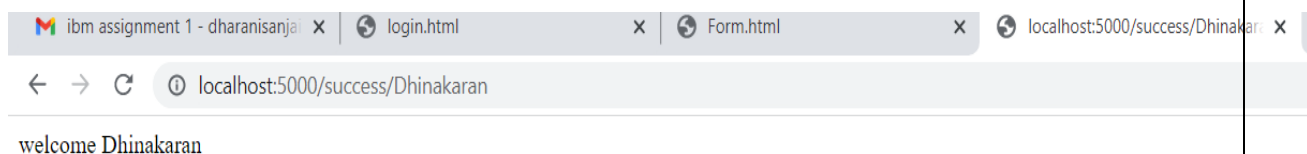
if __name__=='__main__':
    app.run()

```



Enter the name

Welcome Page



welcome Dhinakaran