

Assignment -2

Python Programming

Assignment Date	29 September 2022
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Student Roll No	812419104057
Maximum Marks	2

Question-1:

Write a flask program which should display Name, Email, phone and it should display the same details once we hit submit.

Solution:

HTML:

```
<!DOCTYPE html>
<html>
<style>
body {
background-image:url('1.jpeg');
background-repeat:no-repeat;
background-size:cover;
}
</style>
<link rel="stylesheet" href="style.css">
<body>

<h1>Personal Information</h1>

<form action="welcome.php" method="post">

  <label for="fname">First name:</label>
  <input type="text" id="fname" name="fname"><br><br>

  <label for="lname">Last name:</label>
  <input type="text" id="lname" name="lname"><br><br>

  <label for="Email">Email ID:</label>
  <input type="varchar" id="Email" name="Email"><br><br>

  <label for="phone">Phone No:</label>
  <input type="phone" id="phone no" name="phone"><br><br>

  <input type="submit" value="Submit">
</form>

</body>
</html>
```

CSS:

```
label{
    display: inline-block;
    float: left;
    clear: left;
    width: 100px;
    text-align: left;
}
input {
    display: inline-block;
    float: left;
}
```

PHP:

```
<html>
<body>
    First Name: <?php echo $_POST["fname"];?><br>
    Last Name: <?php echo $_POST["lname"]; ?><br>
    Your Email ID is: <?php echo $_POST["Email"];?><br>
    Your Phone Number is: <?php echo $_POST["phone"];?><br>
</body>
</html>
```

Flask:

```
from flask import Flask, render_template

app = Flask(__name__)

@app.route("/")
def index():
    return render_template("index.html")
    return render_template("style.css")
    return render_template("welcome.php")

if __name__=="__main__":
    app.run(debug=True)
```

OUTPUT:

```
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd..

C:\Windows>cd.. \

C:\>cd C:\xampp\htdocs\Assignment

C:\xampp\htdocs\Assignment>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 233-682-916
```

Personal Information

First name:

Last name:

Email ID:

Phone No:

First Name: Saravana
Last Name: Kumar
Your Email ID is: saravanaguru2k@gmail.com
Your Phone Number is: 9876543210

Question-2:

Write a flask program which should cover cookies, sessions

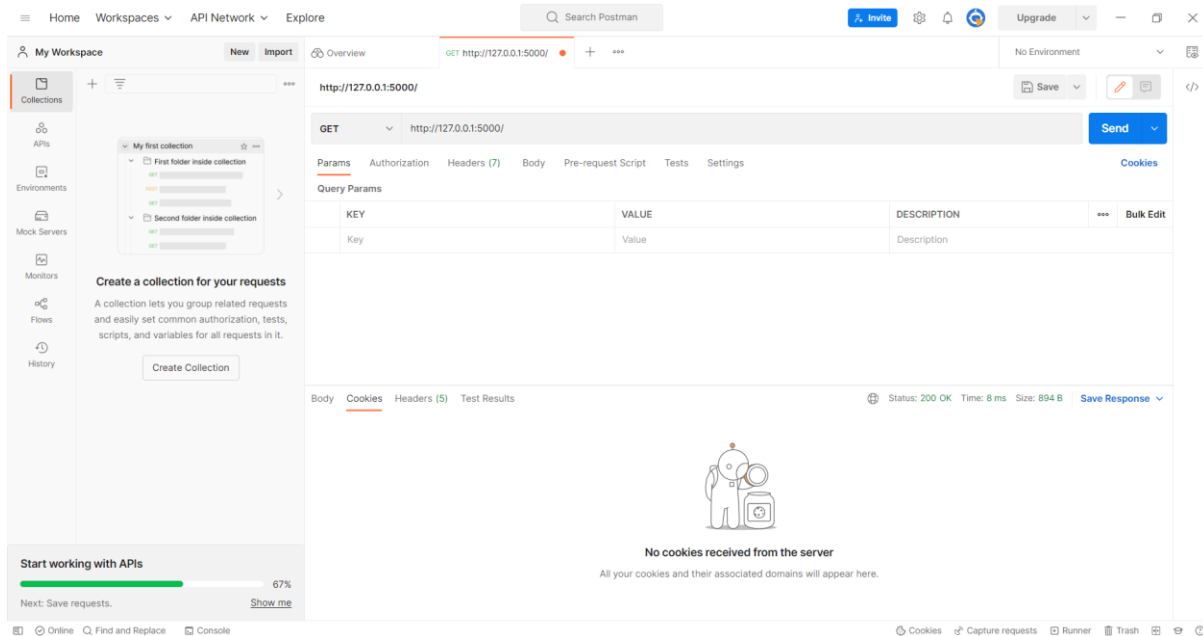
The screenshot shows the Postman interface with a GET request to `http://127.0.0.1:5000/`. The request is configured with the following details:

- Method:** GET
- URL:** `http://127.0.0.1:5000/`
- Headers (7):** Params, Authorization, Headers (7), Body, Pre-request Script, Tests, Settings.
- Query Params:** A table with columns KEY, VALUE, and DESCRIPTION. The first row has KEY: Key, VALUE: Value, and DESCRIPTION: Description.
- Body:** The body is set to "Pretty" and contains the following HTML and CSS:

```
1 <!DOCTYPE html>
2 <html>
3 <style>
4   body {
5     background-image: url('1.jpeg');
6     background-repeat: no-repeat;
7     background-size: cover;
8   }
9 </style>
10 <link rel="stylesheet" href="style.css">
11
12 </html>
```
- Status:** 200 OK, Time: 12 ms, Size: 894 B.

The screenshot shows the same GET request in Postman, but with the "Headers" tab selected. The response headers are displayed in a table:

KEY	VALUE
Server	Werkzeug/2.2.2 Python/3.10.7
Date	Fri, 11 Nov 2022 09:39:37 GMT
Content-Type	text/html; charset=utf-8
Content-Length	720
Connection	close



Question-3:

Write a flask program which should display resume details and also have upload resume option by using file uploading

Flask:

```
from flask import *
app = Flask(__name__)

@app.route('/')
def upload():
    return render_template("file_upload_form.html")

@app.route('/success', methods = ['POST'])
def success():
    if request.method == 'POST':
        f = request.files['file']
        f.save(f.filename)
        return render_template("success.html", name = f.filename)

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

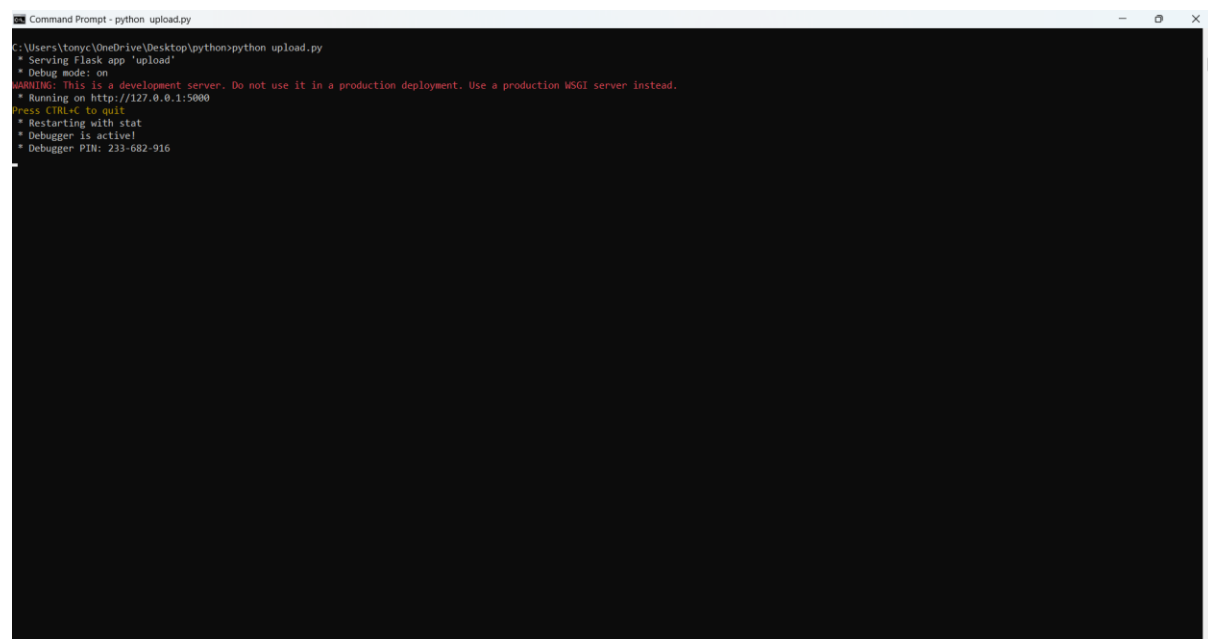
HTML:

```
<html>
<head>
    <title>upload</title>
</head>
<body>
    <form action = "success.html" method = "post" enctype="multipart/form-data">
        <input type="file" name="file" />
        <input type = "submit" value="Upload">
    </form>
```

```
</body>
</html>
```

```
<!DOCTYPE html>
<html>
  <head>
    <title>Title of the document</title>
  </head>
  <body>
    <h1>PDF Example</h1>
    <p>Open a PDF file <a
href="C:\Users\tonyc\OneDrive\Desktop\python\templates\Resume.pdf">Resume</a><
/p>
  </body>
</html>
```

OUTPUT:



```
Command Prompt - python upload.py
C:\Users\tonyc\OneDrive\Desktop\python>python upload.py
* Serving Flask app 'upload'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
press CTRL-C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 233-682-916
```

PDF Example

Open a PDF file [Resume](#)

