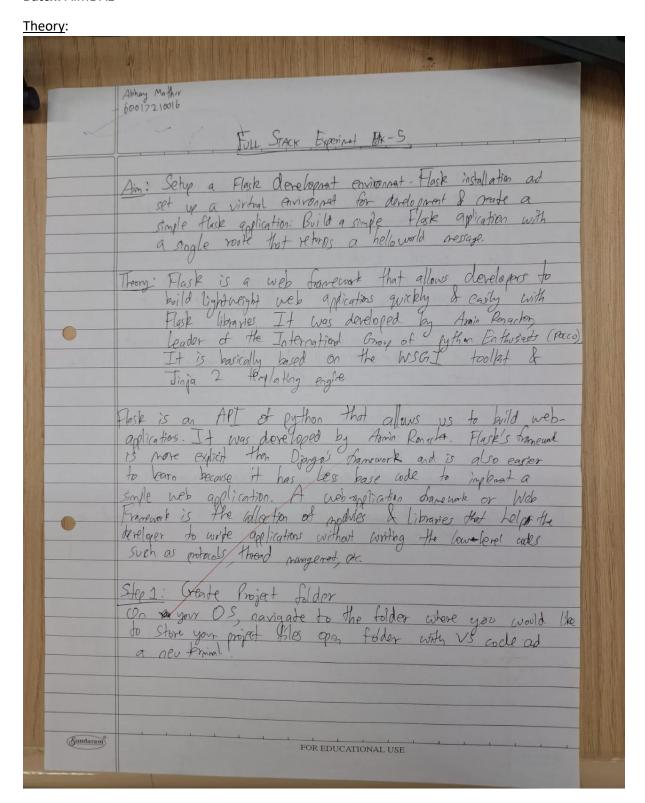
Full Stack Experiment 5

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MIL		
	Step 2: Setup python virtual environment. Activate the circula environment directory. Activate the virtual environment.	
	Stadi Flask The active virtual environment terminal instance, we shall proceed to install Flask using this scripts	
	Step 4: Install dependencies and set environment variables Install the dependences and edit the environment Variables then create a file "env" the	
	Step 5: (reate ontry file Step 6: Create router Step 7: Start Flask App Step 8: View the website on "http://loralhost: 8000"	
	Conclusion: A simple It (as to application with a single rout to has been created.	
""		
Jundaram	FOR EDUCATIONAL USE	H-1M

Code:

```
__pycache__
                                              28-09-2023 11:14 AM
                                                                         File folder
                                              05-10-2023 09:52 AM
                                                                         File folder
templates
venv
                                              25-09-2023 03:36 PM
                                                                         File folder
l .env
                                                                         ENV File
                                              28-09-2023 11:14 AM
server
                                              05-10-2023 09:52 AM
                                                                         Python Source File
squarenum
                                              28-09-2023 11:14 AM
                                                                         Python Source File
```

```
(venv) PS C:\Users\a21ma\OneDrive\Desktop\Sem5 Codes\Full Stack\Experiment 5, 6 & 7 (Flask)> pip install python
-dotenv
Collecting python-dotenv
   Downloading python_dotenv-1.0.0-py3-none-any.whl (19 kB)
Installing collected packages: python-dotenv
Successfully installed python-dotenv-1.0.0
```

```
from flask import Flask
app = Flask(__name__)
print("Initialized the app! With a name of: ",__name__)
@app.route('/', methods=['GET']) #there is no need to specify the GET method since it is by default
@app.route('/home') #you can stack multiple routes onto one function so multiple paths will load the
same page
def home():
   print("Hey, I'm visiting the home page!")
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"</pre>
       integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
       crossorigin="anonymous" />
    <h1 style=margin:20>Hello,</h1>
    world!
    <a href="/important"</pre>
        <button type="button" class="btn btn-dark btn-sm mx-3">IMPORTANT</button>
    <a href="/mumbai"
        <button type="button" class="btn btn-dark btn-sm mx-3">Mumbai Map</button>
```

```
(venv) PS C:\Users\a21ma\OneDrive\Desktop\Sem5 Codes\Full Stack\Experiment 5, 6 & 7 (Flask)> flask run
Initialized the app! With a name of: server
  * Serving Flask app 'server.py'
  * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server i
nstead.
  * Running on http://127.0.0.1:8000
Press CTRL+C to quit
Hey, I'm visiting the home page!
127.0.0.1 - - [26/Oct/2023 10:55:28] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [26/Oct/2023 10:55:29] "GET /favicon.ico HTTP/1.1" 404 -
```

Output:

Hello,

world!

IMPORTANT

Mumbai Map