

Assignment-3

Python Programming

Assignment Date	29 September 2022
Student Name	P.Muthu Selvi
Student Roll Number	951319205034
Maximum Marks	2 Marks

Question 1:

Execute the programs which are discussed on day 3

Solution:

```
from flask import Flask
app = Flask(__name__)
@app.route("/")
def hello_world():
    return "<p>Hello, World! </p>"
```

```
from flask import Flask
@app.get('/login')
def login_get():
    return show_the_login_form()
```

```
@app.post('/login')
def login_post():
    return do_the_login()
```

Question 2

Perform the python programs in spider and execute them in terminal

Solution:

```
from flask import Flask
from flask import url_for
@app.route('/')
def index():
    return 'index'
@app.route('/login')
def login():
    return 'login'
@app.route('/user/<username>')
def profile(username):
    return f'{username}'s profile'
```

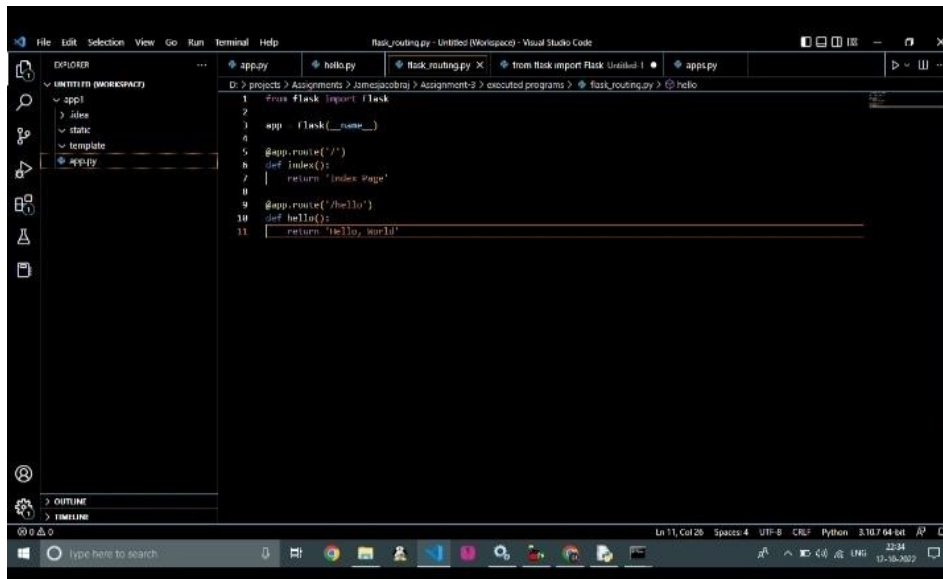
with app.test_request_context():

```
    print(url_for('index'))
```

```
    print(url_for('login'))
```

```
    print(url_for('login', next='/'))
```

```
    print(url_for('profile', username='John Doe'))
```



Question 3:

Practice flask sample programs. Ex emoji and others

Solution:

```
from flask import Flask
app = Flask(__name__)
@app.route('/')
def index():
    return 'Index Page'
@app.route('/hello')
def hello ():
    return 'Hello, World'
```

```
from flask import abort, redirect, url_for
@app.route('/')
def index():
    return redirect(url_for('login'))
@app.route('/login')
def login():
    abort(401)
    this_is_never_executed()
```

Python 3.9.7 Shell - D:\projects\Assignment\Assignment-4\emog\emog.py (3.9)

File Edit Shell Debug Options Window Help

Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 x64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>> import emoji
>>> print(emoji.emojize("Python is :thumbs_up:"))
Python is 👍
>>> print(emoji.emojize("Python is :thumbs_up:", language="all"))
Python is 👍
>>> print(emoji.emojize("Python is fun :rain_bow:"))
Python is fun 🌈
>>> print(emoji.emojize("Python is :unique_horse_merlot:", language="no"))
Python is 🐎
>>> print(emoji.emojize("Python 3 :purple_heart:", language="pt"))
Python 3 💜
>>>
```

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