Assignment-3

Python Programming

Assignment Date	29 September 2022
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Student Roll Number	951319205007
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()
```

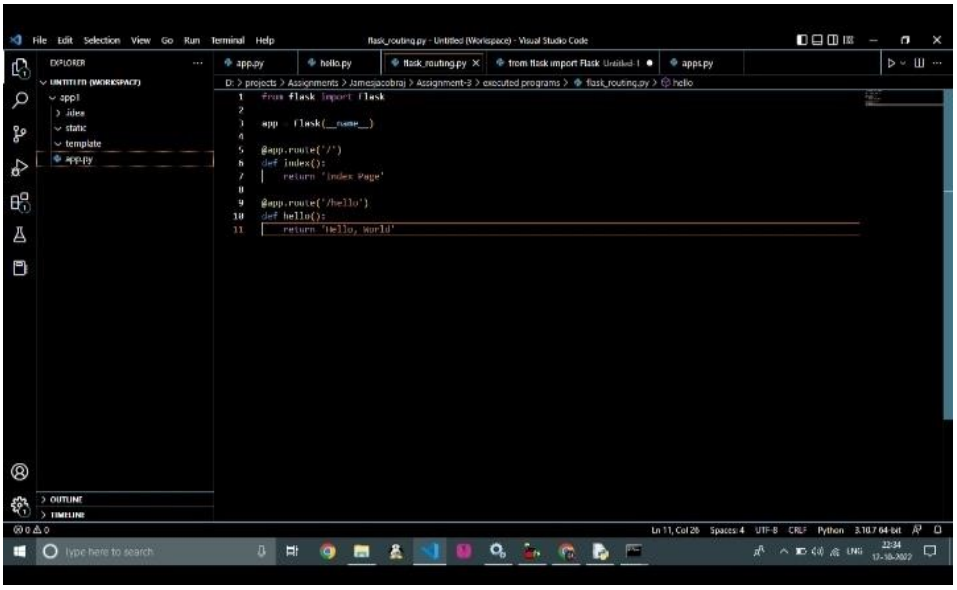
Question 2

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'))
```



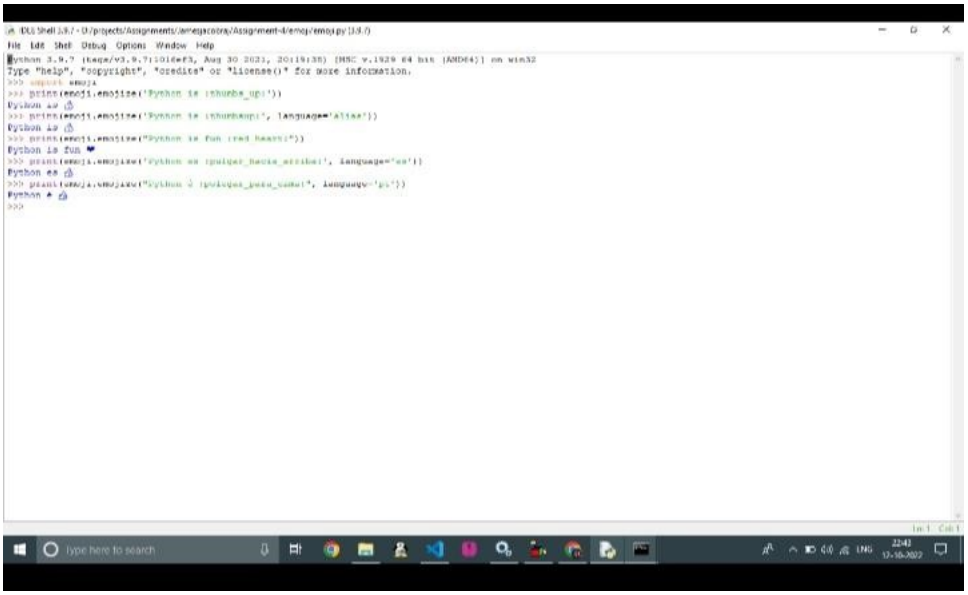
Question 3:

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()
```


IDLE Shell 3.9.7 - D:/projects/Assignments/amegacobra/Assignment-4/emoji/emoji.py (3.9.7)
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 64 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 :thumbsup:', language='alias'))
Python is 👍
>>> print(emoji.emojize("Python is fun :red_heart:"))
Python is fun ❤️
>>> print(emoji.emojize('Python es :pulgar_hacia_arriba:', language='es'))
Python es 👍
>>> print(emoji.emojize("Python é :pulgar_para_cima:", language='pt'))
Python é 👍
>>>
Type here to search
LNG
22:43
12-16-2022