

# Assignment-2

## Python Programming

Assignment Date	24 September 2022
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Maximum Marks	2 Marks

### Question 1:

Execute the programs which are discussed on class

### Solution:

```
from flask import Flask
```

```
app = Flask(__name__)
```

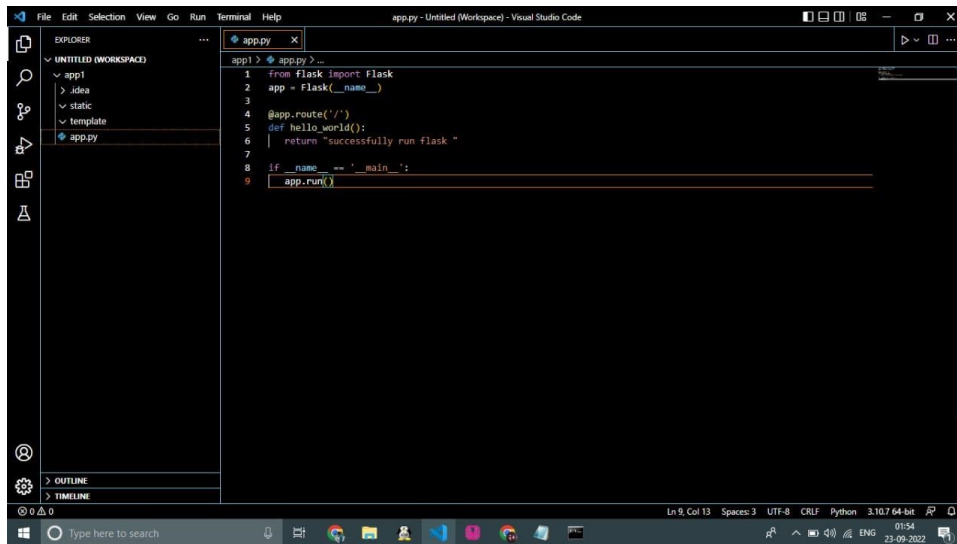
```
@app.route('/')
```

```
def hello_world():
```

```
    return "successfully flask is installed Nivetha"
```

```
if __name__ == '__main__':
```

```
    app.run()
```



The screenshot shows the Visual Studio Code interface with a workspace named 'appy - Untitled (Workspace)'. The Explorer sidebar on the left shows a file structure with 'app.py' selected. The main editor area displays the following Python code:

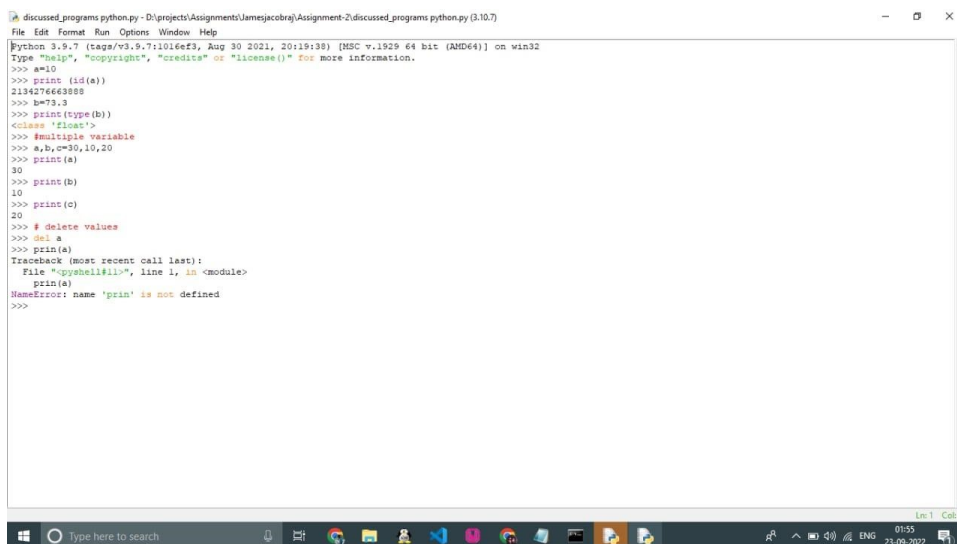
```
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route('/')
5 def hello_world():
6     return "successfully run flask "
7
8 if __name__ == '__main__':
9     app.run()
```

The status bar at the bottom indicates the file is at Line 9, Column 13, using UTF-8 encoding with CRLF line endings, and is a Python 3.10.7 64-bit file.

## Question 2

Perform the python programs in spider and execute them in terminal

Solution:



The screenshot shows a terminal window titled 'discussed\_programs python.py - D:\projects\Assignments\Jamesjacobraj\Assignment-2\discussed\_programs python.py (3.10.7)'. The terminal output is as follows:

```
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.
>>> a=10
>>> print(id(a))
2134276643888
>>> b=73.3
>>> print(type(b))
<class 'float'>
>>> #multiple variable
>>> a,b,c=30,10,20
>>> print(a)
30
>>> print(b)
10
>>> print(c)
20
>>> # delete values
>>> del a
>>> print(a)
Traceback (most recent call last):
  File "<pyshell#11>", line 1, in <module>
    print(a)
NameError: name 'print' is not defined
>>>
```

The terminal window shows the execution of a Python script that defines variables, prints their IDs and types, and then attempts to print a variable after deleting the 'print' function, resulting in a NameError.

Question 3:

Practice flask sample programs. Ex emoji and others

Solution:

```
from flask import Flask
```

```
app = Flask(__name__)
```

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

```
def message ():
```

```
    return render_template('message.html')
```

```
if __name__ == '__main__':
```

```
    app.run(debug = True)
```

4G 9:41

91%



## Message

hi, welcome to the website

