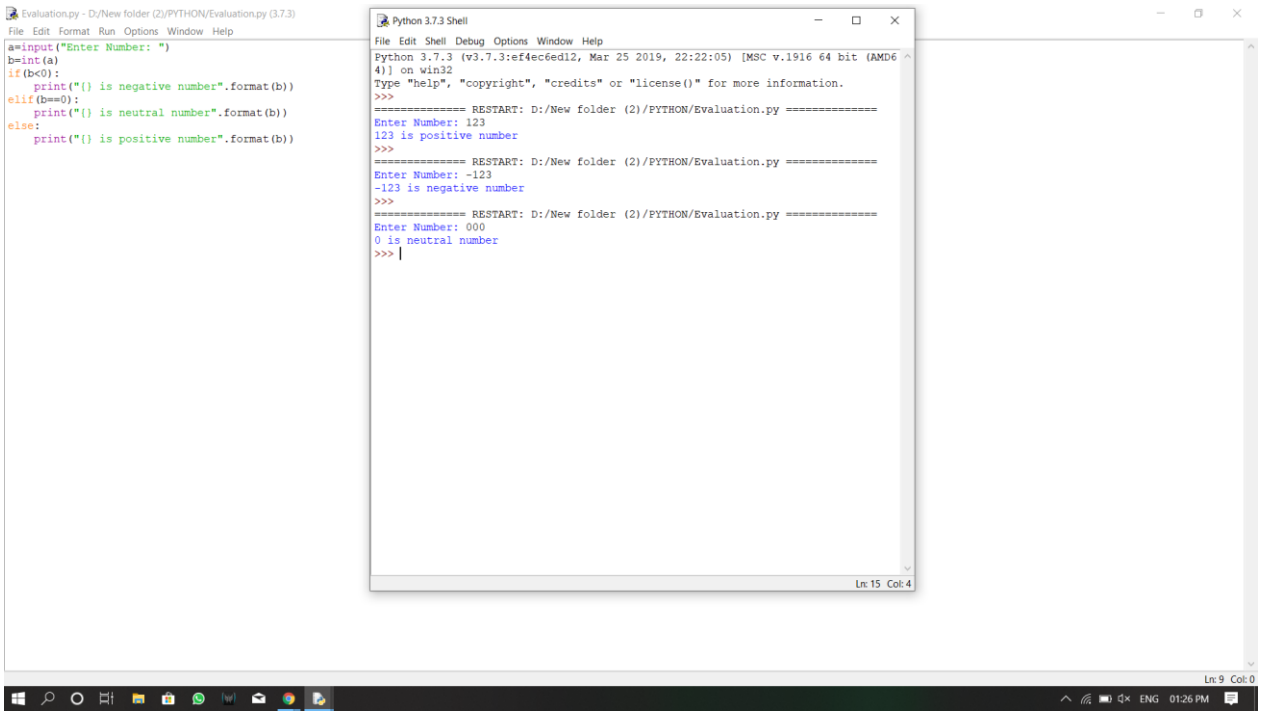
Python 1st Lab Evaluation:- SET- ODD

1. Demonstrate Working if else Statement.

➔ Program Codes:

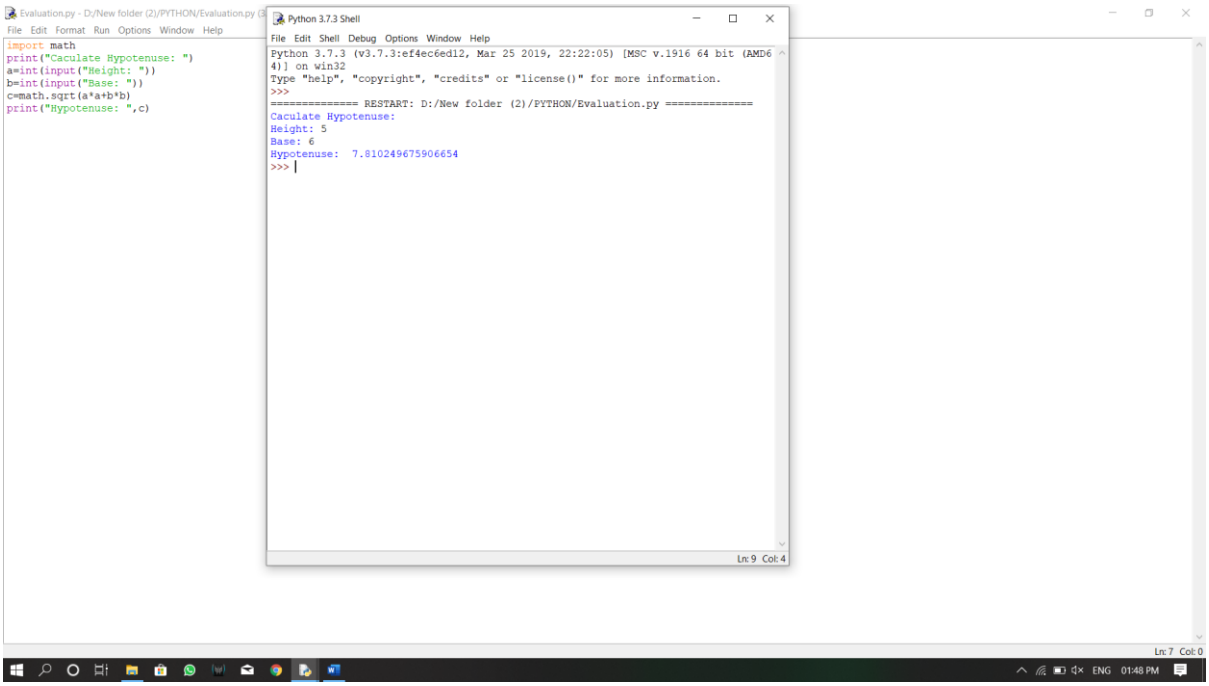
```
a=input("Enter Number: ")
b=int(a)
if(b<0):
   print("{} is negative number".format(b))
elif(b==0):
   print("{} is neutral number".format(b))
else:
   print("{} is positive number".format(b))
```



2. Pythagoras Theorem

➔ Program Codes:

```
import math
print("Caculate Hypotenuse: ")
a=int(input("Height: "))
b=int(input("Base: "))
c=math.sqrt(a*a+b*b)
print("Hypotenuse: ",c)
```


Evaluation.py - D:/New folder (2)/PYTHON/Evaluation.py (3.7.3)
File Edit Format Run Options Window Help
import math
print("Caculate Hypotenuse: ")
a=int(input("Height: "))
b=int(input("Base: "))
c=math.sqrt(a*a+b*b)
print("Hypotenuse: ",c)
Ln: 7 Col: 0
Python 3.7.3 Shell
File Edit Shell Debug Options Window Help
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 22:22:05) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: D:/New folder (2)/PYTHON/Evaluation.py ==========
Caculate Hypotenuse:
Height: 5
Base: 6
Hypotenuse: 7.810249675906654
>>>
Ln: 9 Col: 4
ENG 01:48 PM