

QUESTION 1 FIND PYTHAGORAS THEORY USING PYTHON

CODE

```
from math import sqrt

a =int (input("enter first number : "))

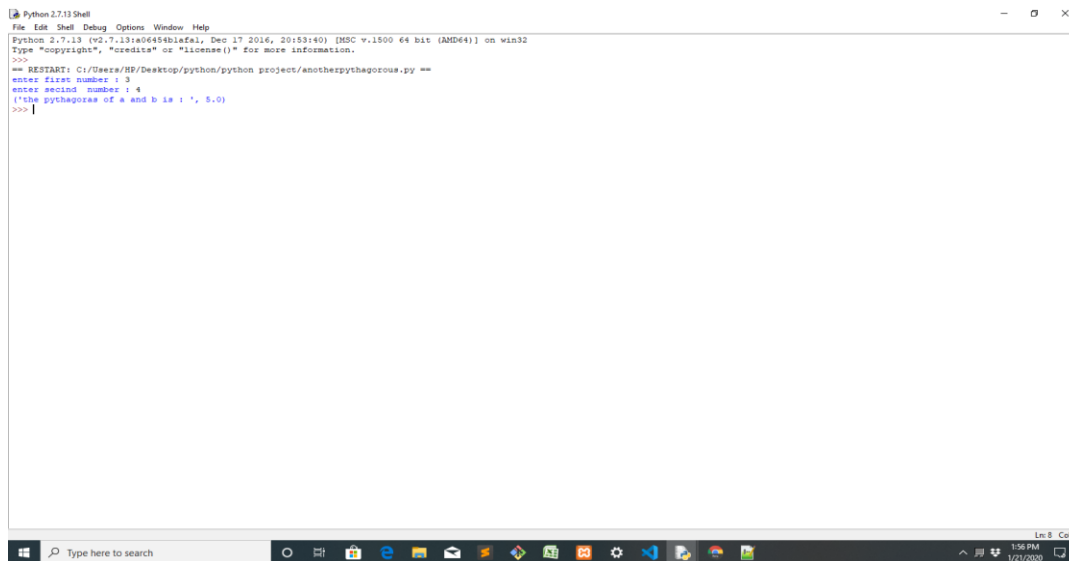
b =int (input("enter secind  number : "))

c = a**2 + b**2

d = sqrt(c)

print('the pythagoras of a and b is : ' , d )
```

OUTPUT



The screenshot shows a Python 2.7.13 Shell window with the following content:

```
Python 2.7.13 Shell
File Edit Shell Debug Options Window Help
Python 2.7.13 (v2.7.13:a06491b1ef, Dec 17 2016, 20:53:40) [MSC v.1500 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/BB/Desktop/python/python project/anotherpythagorase.py ==
enter first number : 3
enter secind number : 4
('the pythagoras of a and b is : ', 5.0)
>>>
```

The window title bar indicates 'Python 2.7.13 Shell'. The status bar at the bottom right shows 'Ln: 8 Col: 4'. The Windows taskbar at the bottom shows the time as 1:56 PM on 1/21/2020.

QUESTION NO 2: IF STATEMENT USING PYTHON

CODE

```
# Python program to find the largest number among the three input numbers

# take three numbers from user

num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

num3 = float(input("Enter third number: "))

if (num1 > num2) and (num1 > num3):

    largest = num1

elif (num2 > num1) and (num2 > num3):

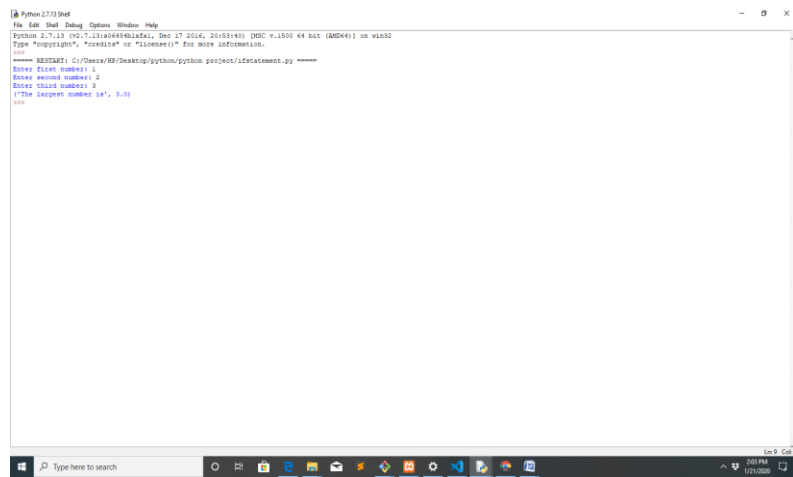
    largest = num2

else:

    largest = num3

print("The largest number is",largest)
```

OUTPUT



```
Python 2.7.13 Shell
File Edit Shell Debug Options Window Help
Python 2.7.13 (tags/v2.7.13:10a0434afe, Dec 17 2014, 20:13:40) [MSC v.1500 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\RP\Desktop\python\python project\IfStatement.py =====
Enter first number: 5
Enter second number: 2
Enter third number: 3
('The largest number is', 5.0)
>>>
```