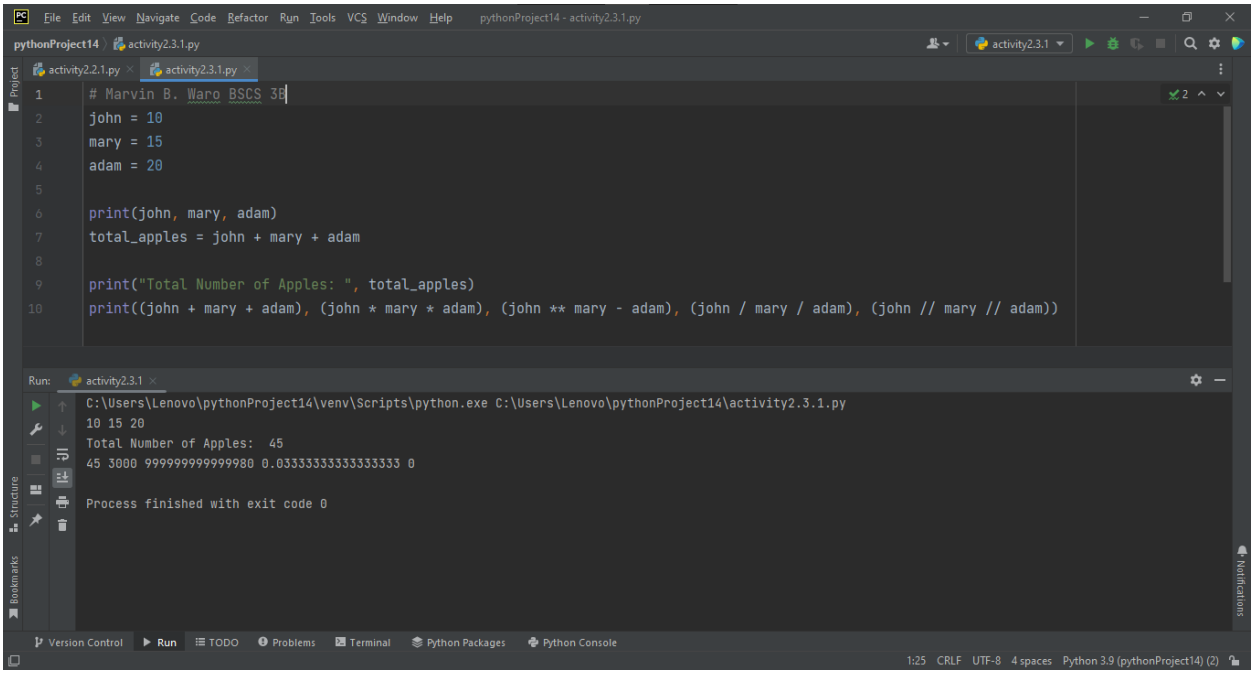
MARVIN B. WARO | BSCS 3B

ACTIVITY 2.3.1

Your task is to:

• create the variables: john, mary, and adam;
• assign values to the variables. The values must be equal to the numbers of fruit possessed by John, Mary, and Adam respectively;
• having stored the numbers in the variables, print the variables on one line, and separate
each of them with a comma;
• now create a new variable named total_apples equal to addition of the three former variables.
• print the value stored in total_apples to the console;
• experiment with your code: create new variables, assign different values to them, and perform various arithmetic operations on them (e.g., +, -, *, /, //, etc.). Try to print a string and an integer together on one line, e.g., "Total number of
apples:" and total_apples.

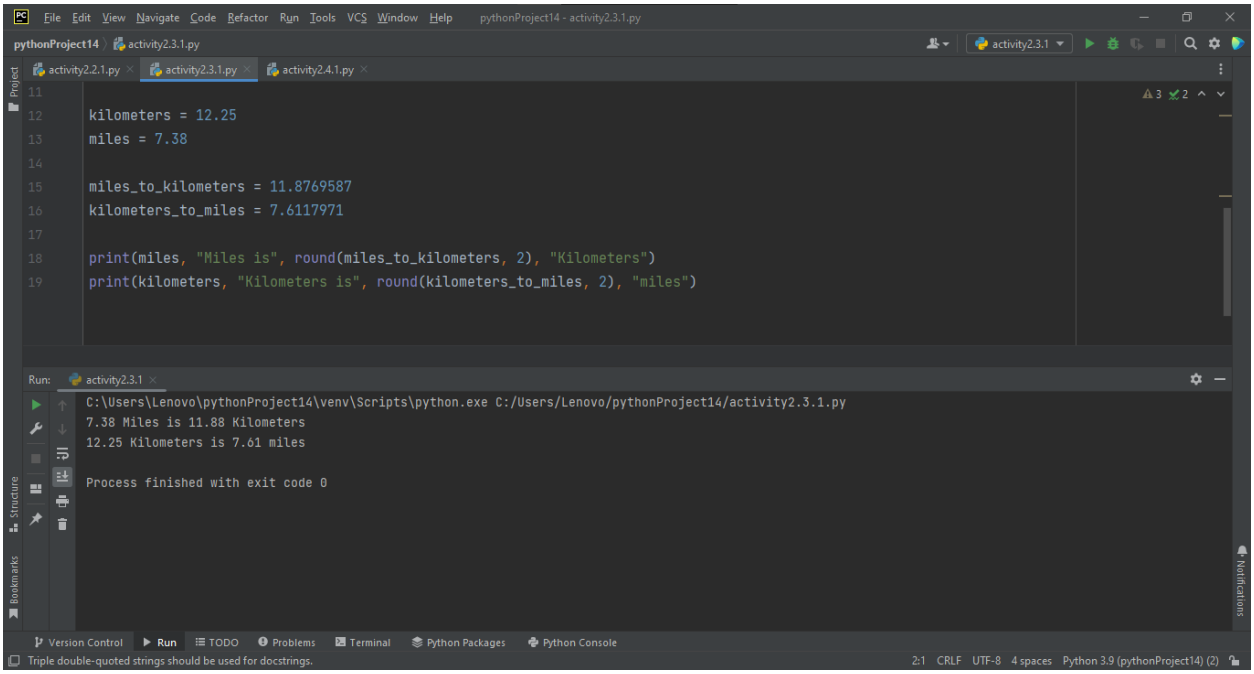
OUTPUT:



ACTIVITY 2.3.2

OUTPUT:

So as you can see I just converted them to each other and made a variable to contain them so that I can call them wherever part of the print function statement as shown in the image below.



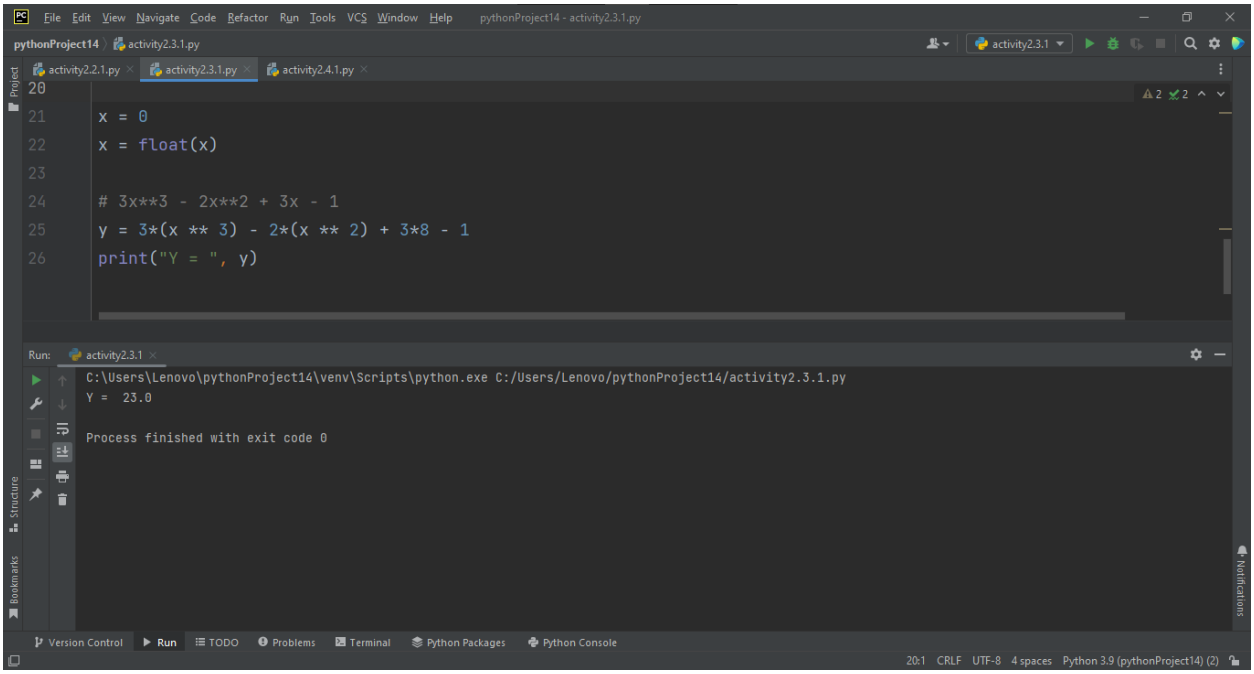
ACTIVITY 2.3.3

Take a look at the code above: it reads a float value, puts it into a variable named x, and prints the value of a variable named y. Your task is to complete the code in order to evaluate

the following expression:

$$3x3 - 2x2 + 3x - 1$$

OUTPUT:


File Edit View Navigate Code Refactor Run Tools VCS Window Help
pythonProject14 - activity2.3.1.py
pythonProject14 | activity2.3.1.py
activity2.3.1
activity2.2.1.py
activity2.3.1.py
activity2.4.1.py
20
21 x = 0
22 x = float(x)
23
24 # 3x**3 - 2x**2 + 3x - 1
25 y = 3*(x ** 3) - 2*(x ** 2) + 3*8 - 1
26 print("Y = ", y)
Run: activity2.3.1
C:\Users\Lenovo\pythonProject14\venv\Scripts\python.exe C:/Users/Lenovo/pythonProject14/activity2.3.1.py
Y = 23.0
Process finished with exit code 0
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
20:1 CRLF UTF-8 4 spaces Python 3.9 (pythonProject14) (2)