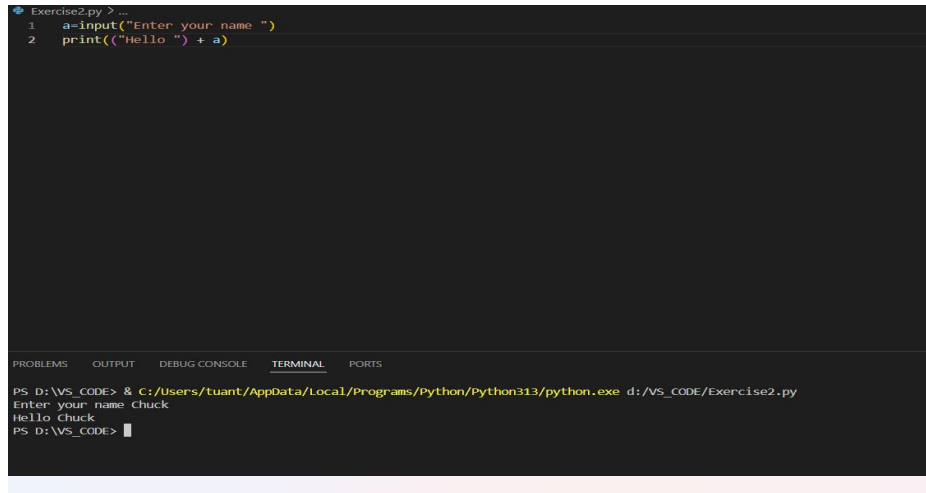


## Bài tập môn Kỹ Thuật Lập Trình

**Bài 1: Write a program that uses input to prompy a uses for their name and then welcom them.**

Enter your name: Chuck

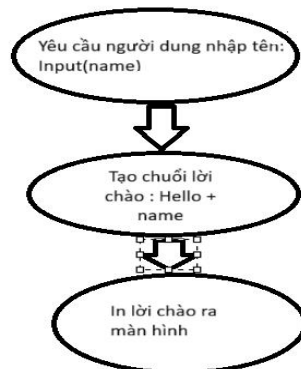
Hello Chuck



```
Exercise2.py > ...
1 a=input("Enter your name ")
2 print(("Hello ") + a)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\VS_CODE> & C:/Users/tuant/AppData/Local/Programs/Python/Python313/python.exe d:/VS_CODE/Exercise2.py
Enter your name Chuck
Hello Chuck
PS D:\VS_CODE> |
```



**Bài 2: Write a program to prompt the user for hours and rate per hours to compute gross pay.**

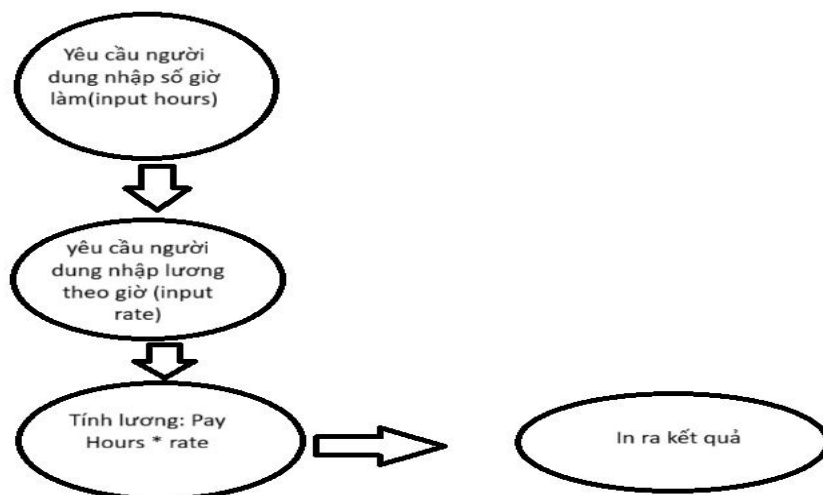
Enter Hours: 35

Enter Rate: 2.75

Pay: 96.25

```
exercise3.py > ...
1 Hour = float(input("Enter Hours:"))
2 Rate = float(input("Enter Rate:"))
3 Pay = Hour * Rate
4 print("Pay: " + str(Pay))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\VS_CODE> & C:/Users/tuant/AppData/Local/Programs/Python/Python313/python.exe d:/VS_CODE/exercise3.py
Enter Hours:35
Enter Rate:2.75
Pay: 96.25
PS D:\VS_CODE> |
```



Bài 3: Assume that we execute the following assignment statements

Width = 17

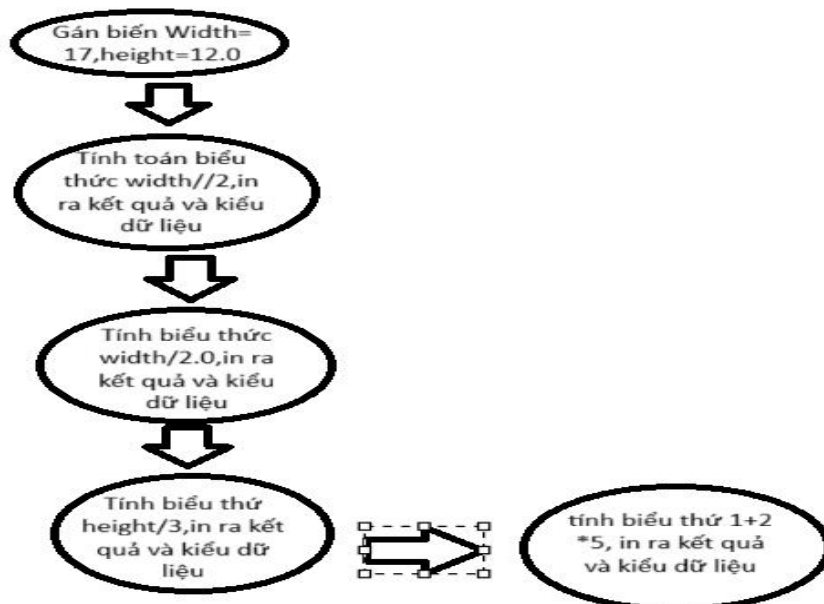
Height = 12.0

For each of the following expressions write the value of the expression and the type

1. width//2
2. width/2.0
3. height/3
4. 1 + 2 \* 5

```
bài 3.py > ...
1 width = 17
2 height = 12.0
3 print("width // 2 =",width//2,"type:", type(width // 2))
4 print("width/2.0 =",width/2.0,"type:", type(width/2.0))
5 print("Height/3 =",Height/3,"type:",type(Height/3))
6 print("1+2*5 =",1+2*5,"type:",type(1+2*5))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
7
PS D:\VS_CODE> & C:/Users/tuant/AppData/Local/Programs/Python/Python313/python.exe "d:/VS_CODE/bài 3.py"
width // 2 = 8 type: <class 'int'>
width/2.0 = 8.5 type: <class 'float'>
Height/3 = 4.0 type: <class 'float'>
1+2*5 = 11 type: <class 'int'>
```



Bài 4: Write a program which prompts the user for a Celsius temperature convert the temperature to Fahrenheit and print out the converted temperature.

```
❏ baif4.py > ...
1 celsius = float(input("enter temperature in celsius: "))
2 fahrenheit = (celsius*9/5) + 32
3 print ("Temperatura in fahrenheit: ", fahrenheit)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\VS_CODE> & C:/Users/tuant/AppData/Local/Programs/Python/Python313/python.exe d:/VS_CODE/baif4.py
enter temperature in celsius: 5
Temperatura in fahrenheit:  41.0
PS D:\VS_CODE> 
```

