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Exercise 2: Write a program that uses input to prompt a user for their name and then welcomes them.

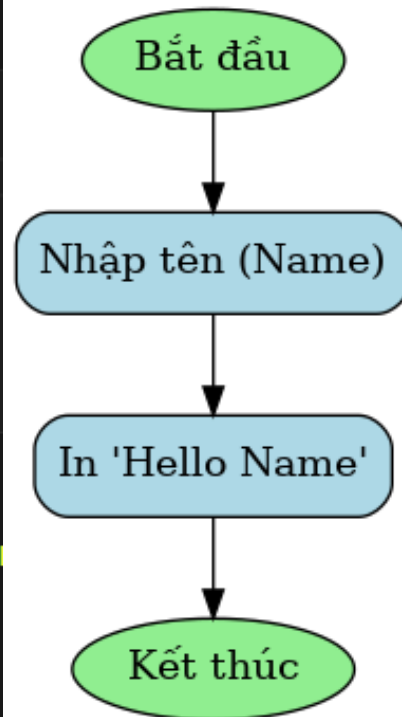
Enter your name: Chuck

Hello Chuck

```
1.py 2.py
KT_lap_trinh > Bui_2_Ex > 1.py > ...
1 name = input("Enter your name: ")
2 print ("Enter your name: ", name)
3 print ("Hello", name)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Lap_trinh_C_Py> & C:/Users/ACER/AppData/Local/Programs/Python/Python38-32/Python.exe C:\Lap_trinh_C_Py\1.py
Enter your name: Tri
Enter your name: Tri
Hello Tri
PS C:\Lap_trinh_C_Py> |
```



Exercise 3: Write a program to prompt the user for hours and rate per hour to compute gross pay.

Enter Hours: 35

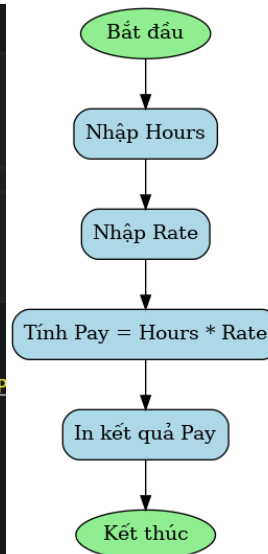
Enter Rate: 2.75

Pay: 96.25

```
1.py 2.py
KT_lap_trinh > Bui_2_Ex > 2.py > ...
1 enter_hours = int(input("Enter Hours: "))
2 enter_rates = float(input("Enter Rate: "))
3 pay = enter_hours*enter_rates
4 #print ("Pay: ",pay)
5 print ("Enter Hours: ",enter_hours)
6 print ("Enter Rate: ",enter_rates)
7 print ("Pay: ",pay)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Lap_trinh_C_Py> & C:/Users/ACER/AppData/Local/Programs/Python/Python38-32/Python.exe C:\Lap_trinh_C_Py\2.py
Enter Hours: 35
Enter Rate: 2.75
Enter Hours: 35
Enter Rate: 2.75
Pay: 96.25
PS C:\Lap_trinh_C_Py> |
```



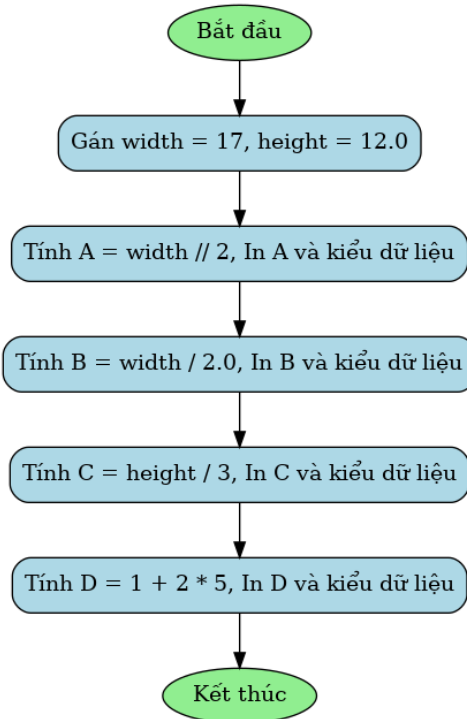
Exercise 4: Assume that we execute the following assignment statements:

`width = 17`, `height = 12.0`

For each of the following expressions, write the value of the expression and the type (of the value of the expression). 1. `width//2` 2. `width/2.0` 3. `height/3` 4. `1 + 2 * 5`

```
1.py 3.py X
KT_lap_trinh > Bui_2_Ex > 3.py > ...
1 width = 17
2 height = 12.0
3 first = width/2
4 second = width/2.0
5 third = height/3
6 fourth = 1+2*5
7 print (first,type(first))
8 print (second,type(second))
9 print (third,type(third))
10 print ([fourth,type(fourth)])

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Lap_trinh_C_Py> & C:/Users/ACER
8.5 <class 'float'>
8.5 <class 'float'>
4.0 <class 'float'>
11 <class 'int'>
PS C:\Lap_trinh_C_Py>
```



Exercise 5: Write a program which prompts the user for a Celsius temperature, convert the temperature to Fahrenheit, and print out the converted temperature.

```
4.py X
KT_lap_trinh > Bui_2_Ex > 4.py > ...
1 C= float(input("Celsius temperature: "))
2 F = C * 9/5 + 32
3 print ("Celsius temperature: ", C)
4 print ("Fahrenheit temperature: ", F)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Lap_trinh_C_Py> & C:/Users/ACER/AppData/Lo
Celsius temperature: 25
Celsius temperature: 25.0
Fahrenheit temperature: 77.0
PS C:\Lap_trinh_C_Py>
```

