

Bài tập môn Kĩ Thuật Lập Trình

Bài 1: Write a program that uses input to prompt a user for their name and then welcome 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 hour to compute gross pay.

Enter Hours: 35

Enter Rate: 2.75

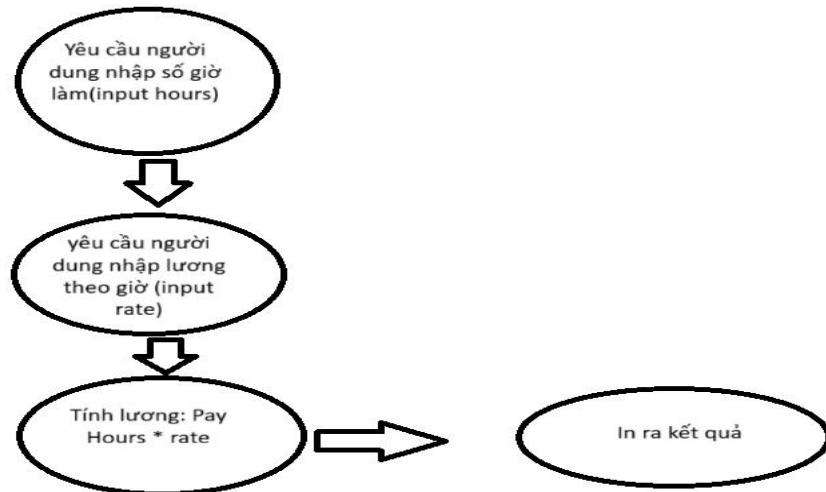
Pay: 96.25

```

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)])

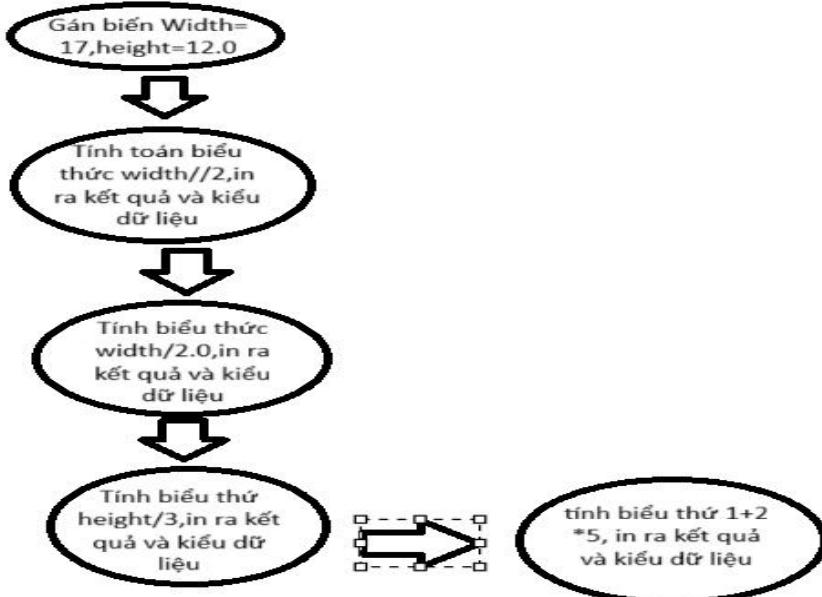
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

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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 temperatue 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>
```

