PYTHON LAB: Write a program that will ask for a user body weight in pound (lbs) or in Kilogram (Kg) and convert it in kilogram(kg) or in Pounds(lbs). Display on the screen: Your body weight is weight in lbs, and the equivalent in kgs is weight kg. Thank you!

Only display three-digit decimal part.

SOLUTION:

```python
PYTHON_LABS > 🐍 body_weight_convertor.py > ...
1    # Program to convert weight from pouns to Kilogram
2
3    print('Welcome to the weight program convertor.Here you can convert your weight from pounds to kilogram or vice versa')
4    print("Enter information needed")
5    # input value
6    name= input('What is your name:  ')
7    age= input('What is your age:  ')
8    unit= input('What is your unit value lbs or kg ?: ')
9    weight= input('What is your weight: ' )
10   #calcul
11   x1="lbs"
12   x2="kg"
13   v= 0.4535
14   weight_lbs= float(weight) / v
15   weight_kg= float(weight) * v
16   #Conditional Statement
17   if unit==x1:
18       info=f"Hello dear {name}, customer of {age} years old." "\n"
19       weight_kg_result=f"Your body weight is {weight} in lbs, and the equivalent in kgs is {weight_kg:0,.3f} kg." "\n" "Thank you!"
20       print(info, weight_kg_result)
21
22   elif unit==x2:
23       info=f"Hello dear {name}, customer of {age} years old." "\n"
24       weight_lbs_result=f"Your body weight is {weight} in kg, and the equivalent in lbs is {weight_lbs:0,.3f} lbs." "\n" "Thank you!"
25       print(info, weight_lbs_result)
26   else:
27       print("Invalid unit entered. Please enter either 'lbs' or 'kg'.")
28
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS   GITLENS   CODE REFERENCE LOG   AZURE   COMMENTS

```
● josephmbatchou@Josephs-MacBook-Air PYTHON_LABS % python3 body_weight_convertor.py
  Welcome to the weight program convertor.Here you can convert your weight from pounds to kilogram or vice versa
  Enter information needed
  What is your name:  Joe
  What is your age:  36
  What is your unit value lbs or kg ?: lbs
  What is your weight: 169
  Hello dear Joe, customer of 36 years old.
   Your body weight is 169 in lbs, and the equivalent in kgs is 76.642 kg.
  Thank you!
○ josephmbatchou@Josephs-MacBook-Air PYTHON_LABS % ▊
```