# simple weight conversion project that allow user to convert their weight values btw kilogram (kg) and pounds (lbs)

# ask the user to enter their weight using input function and store the value as integer in weight variable.

weight = int(input("weight:"))

unit = input("(k)g or (l)bs:") # specify the unit of the weight in  kilo or pounds.

if unit.upper() == "k":  # case sensitive, user input uppercase

    converted = weight/0.45 # if the choice is "K" it will convert the kilogram to pounds by dividing weight by 0.45 and store the result in converted variable.

    print("weight in lbs:" + converted)

else:

    converted = weight \* 0.45               # if user choice is not "k ", it assumes the user weight is in pounds and converted to kilogram by multiply the weight by 0.45.

    print("weight in kgs:" + str(converted))