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File Name: computePay.py

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Purpose: To calculate the pay given the hours and a rate. This will be defined

in a function called computePay and will include overtime

'''

#Defining the function

def computePay(hours, rate):

#if statement to see if we need to implement overtime

if hours > 40:

#If there is overtime, looking at how many ot hours

ot = hours - 40

#total pay is 40 hrs \* normal rate + ot hours \* 1.5 \* normal rate

pay = 40 \* rate + ot \* 1.5 \* rate

#Printing the formatted pay

print("Pay: ${:.2f}".format(pay))

else:

#Normal calculation of rate \* hours

print("Pay: ${:.2f}".format(hours \* rate))

#If this is our main file

if \_\_name\_\_ == '\_\_main\_\_':

#We will run this script until tryAgain is false

tryAgain = True

#Starting while loop

while tryAgain:

#Enter the hours

hours = input("Enter hours: ")

#Enter the rate

rate = input("Enter rate: ")

#Make sure we can convert the rate and hours

try:

hours = float(hours)

rate = float(rate)

#If we can convert, use the function

computePay(hours, rate)

#No longer have to keep trying to get the rate and hours

tryAgain = False

except:

#We could not convert and we will start the loop over

print("Enter a correct number\n")

