

4.6 Write a program to prompt the user for hours and rate per hour using input to compute gross pay. Pay should be the normal rate for hours up to 40 and time-and-a-half for the hourly rate for all hours worked above 40 hours. Put the logic to do the computation of pay in a function called `compute_pay()` and use the function to do the computation. The function should return a value. Use 45 hours and a rate of 10.50 per hour to test the program (the pay should be 498.75). You should use `input` to read a string and `float()` to convert the string to a number. Do not worry about error checking the user input unless you want to - you can assume the user types numbers properly. Do not name your variable `sum` or use the `sum()` function.

[Check Code](#)[Reset Code](#)

Grade updated on server.

```
1 def compute_pay(h,r):
2
3     if h >= 40:
4         pay = (h-40)*(r*1.5) + (40 * r)
5     return pay
6
7 hrs = input("Enter Hours:")
8 h = float(hrs)
9 rate = input("Enter Rate:")
10 r = float(rate)
11 p = compute_pay(h,r)
12 print("Pay",p)
```