

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**

```
1 def computepay(h,r):
2     if h<=40:
3         return (h*r)
4     else:
5         return (r*40 + 1.5*r*(h-40))
6
7 hrs = input("Enter Hours:")
8 rate = input("Enter Rate per Hour:")
9 p = computepay(float(hrs),float(rate))
10 print("Pay",p)
```

Your Output**Desired Output**

Pay 498.75

Setting: Hide editor This software is based on Skulpt [and](#) CodeMirror [. The source code for this auto-grader is available on on GitHub \[.\]\(#\)](#)

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