Done

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 **computepay()** 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**

```
def computepay(hours, rate):
    if hours <= 40:
        pay = hours * rate
    else:
        overtime_hours = hours - 40
        pay = (40 * rate) + (overtime_hours * rate * 1.5)
    return pay

# Prompt user for input
hours = float(input("Enter hours worked: "))
rate = float(input("Enter rate per hour: "))

# Compute pay
gross_pay = computepay(hours, rate)

# Display the result
print("Pay", gross_pay)

```

Your Output

Desired Output

```
Pay 498.75
```

Setting: Hide editorThis software is based on Skulpt and CodeMirror. The source code for this auto-grader is available on on GitHub.