codechab.py - C:\Users\rsull\OneDrive\Documents\codechab.py (3.11.5)

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```
#CTI-110
#P4HW2 - Salary Calculator
#Raven Sullivan
#11/15/2023

total_employees = 0
overtime_paid = 0.0
regular_paid = 0.0
total_gross = 0.0

while True:
    employee_name = input("Enter employee's name or \"Done\" to terminate: ")
    if employee_name == 'Done':
       break

    hours_worked = float(input(f"How many hours did {employee_name} work? "))
    pay_rate = float(input(f"What is {employee_name}'s pay rate? "))
    print()

    if hours_worked > 40:
        overtime_hours = hours_worked - 40
        overtime_pay_rate = pay_rate * 1.5
    else:
        overtime_hours = 0
        overtime_pay_rate = 0

    overtime_pay = overtime_hours * overtime_pay_rate
    regular_pay = (hours_worked - overtime_hours) * pay_rate
    gross_pay = overtime_pay + regular_pay

    total_employees += 1
    overtime_paid += overtime_pay
    regular_paid += regular_pay
    total_gross += gross_pay

    print(f"Employee name:      {employee_name}\n")
    print("Hours Worked     Pay Rate    OverTime    OverTime Pay    RegHour Pay
```

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    overtime_pay = overtime_hours * overtime_pay_rate
    regular_pay = (hours_worked - overtime_hours) * pay_rate
    gross_pay = overtime_pay + regular_pay

    total_employees += 1
    overtime_paid += overtime_pay
    regular_paid += regular_pay
    total_gross += gross_pay

    print(f"Employee name:      {employee_name}\n")
    print("Hours Worked     Pay Rate    OverTime    OverTime Pay    RegHour Pay     Gross Pay")
    print("-------------------------------------------------------------------------------")
    print(f"{hours_worked:<16.1f}{pay_rate:<12.2f}{overtime_hours:<12.1f}{overtime_pay:<16.2f}${regular_pay:<14.2f}${gross_pay:.2f}\n")

print()
print(f"Total number of employees entered: {total_employees}")
print(f"Total amount paid for overtime: ${overtime_paid:.2f}")
print(f"Total amount paid for regular hours: ${regular_paid:.2f}")
print(f"Total amount pain in gross: ${total_gross:.2f}")
```

IDLE Shell 3.11.5

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```
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:38:34) [MSC v.1936 64 bit (AMD64)] on
win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\rsull\OneDrive\Documents\codechab.py
Enter employee's name or "Done" to terminate: Nancy Drew
How many hours did Nancy Drew work? 39
What is Nancy Drew's pay rate? 20

Employee name:      Nancy Drew

Hours Worked     Pay Rate    OverTime    OverTime Pay    RegHour Pay     Gross Pay
-------------------------------------------------------------------------------
39.0             20.00       0.0         0.00            $780.00         $780.00

Enter employee's name or "Done" to terminate: Rick Hardy
How many hours did Rick Hardy  work? 45
What is Rick Hardy 's pay rate? 18.5

Employee name:      Rick Hardy

Hours Worked     Pay Rate    OverTime    OverTime Pay    RegHour Pay     Gross Pay
-------------------------------------------------------------------------------
45.0             18.50       5.0         138.75          $740.00         $878.75

Enter employee's name or "Done" to terminate: Done

Total number of employees entered: 2
Total amount paid for overtime: $138.75
Total amount paid for regular hours: $1520.00
Total amount pain in gross: $1658.75
>>>
```