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#CTI-110
#P3HW2 - Salary
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print("This program executes a calculation to display an employee's salary. The employee gets 1.5 times more of the rate for working over 40
hours. ")
print()

# Ask user to enter information

name =(input("Enter emplyee's name: "))
print()
hour = float(input("Enter number of hours worked : "))
print()
rate = float(input("Enter employee's pay rate: "))
print()

#calculate total salary for work hours are less than 40 hours
if hour < 40:
   regularPay = rate * hour
   totalPay = rate * hour

#Display results
   print("-----------------------------------------------")
   print("Employee name:" + name)
   print()
   print("Hours Worked"+"   "+"Pay Rate"+"   "+"OverTime"+"   "+"OverTime pay"+"   "+"RegHour pay"+"   "+"Gross pay" )
   print("-------------------------------------------------------------------------------------------------------------")
   print(f'{hour:.1f}' +'           '+ f'{rate:.1f}' +'       '+ '0' +'          '+ '0'+ '              '+ f'${regularPay:.2f}'+ '      '+ f'$
{totalPay:.2f}')

#calculate overtime, overtimePay and total salary for work hours are more than 40 hours
else:
   hour > 40
   overtime = hour - 40
   overtimePay = (1.5 * rate * overtime)
   regularPay = rate * 40
   totalPay = regularPay + overtimePay

#Display results
   print("-----------------------------------------------")
   print("Employee name:" + name)
   print()
   print("Hours Worked"+"   "+"Pay Rate"+"   "+"OverTime"+"   "+"OverTime pay"+"   "+"RegHour pay"+"   "+"Gross pay" )
   print("-------------------------------------------------------------------------------------------------------------")
   print(f'{hour:.1f}' +'           '+ f'{rate:.1f}' +'       '+ f'{overtime:.1f}'+'        '+ f'{overtimePay:.2f}'+ '         '+ f'$
{regularPay:.2f}'+ '       '+ f'${totalPay:.2f}')
```