```python
# Elizabeth Rozzelle
# July 7, 2025
# P4HW2
# This program calculates an employee's regular pay, overtime pay, and gross pay for multiple employees. It continues until the user enters
"Done" for the employee name. At the end, it shows totals for all employees.

# Pseudocode:
# 1. Initialize totals: total_ot_pay, total_reg_pay, total_gross_pay, employee_count
# 2. While True:
#    a. Ask for employee name (or "Done" to stop)
#    b. If name is "Done", break loop
#    c. Ask for hours worked and pay rate
#    d. If hours > 40, calculate overtime hours and regular hours
#    e. Calculate regular pay, overtime pay, gross pay
#    f. Display employee's pay breakdown
#    g. Add to totals and count
# 3. After loop ends, show all totals

# Step 1: Initialize totals
total_ot_pay = 0.0
total_reg_pay = 0.0
total_gross_pay = 0.0
employee_count = 0

# Step 2: Loop for each employee
while True:
    employee_name = input("Enter employee's name or type 'Done' to finish: ")

    if employee_name.lower() == "done":
        break

    # Get input for this employee
    hours_worked = float(input(f"Enter number of hours worked by {employee_name}: "))
    pay_rate = float(input(f"Enter pay rate for {employee_name}: "))

    # Calculate overtime and regular hours
    if hours_worked > 40:
        overtime_hours = hours_worked - 40
        regular_hours = 40
    else:
        overtime_hours = 0
        regular_hours = hours_worked

    # Calculate pay
    overtime_pay = overtime_hours * pay_rate * 1.5
    regular_pay = regular_hours * pay_rate
    gross_pay = regular_pay + overtime_pay

    # Display breakdown
    print("\n----------------------------------------------------------------")
    print(f"Employee name:\t{employee_name}\n")
    print("Hours Worked     Pay Rate        OverTime        OT Pay        Reg Pay       Gross Pay")
    print("----------------------------------------------------------------------")
    print(f'{hours_worked:<15.2f}{pay_rate:<15.2f}{overtime_hours:<15.2f}'
          f'${overtime_pay:<13.2f}${regular_pay:<13.2f}${gross_pay:<.2f}')
    print("-----------------------------------------------------------\n")

    # Add to totals
    total_ot_pay += overtime_pay
    total_reg_pay += regular_pay
    total_gross_pay += gross_pay
    employee_count += 1

# Step 3: Display totals after all employees are entered
print("\n=====================================")
print(f"Total number of employees entered: {employee_count}")
print(f"Total amount paid for overtime    : ${total_ot_pay:.2f}")
print(f"Total amount paid for regular pay : ${total_reg_pay:.2f}")
print(f"Total amount paid in gross        : ${total_gross_pay:.2f}")
print("=====================================")

# Pause program
input("\nPress Enter to exit...")
```