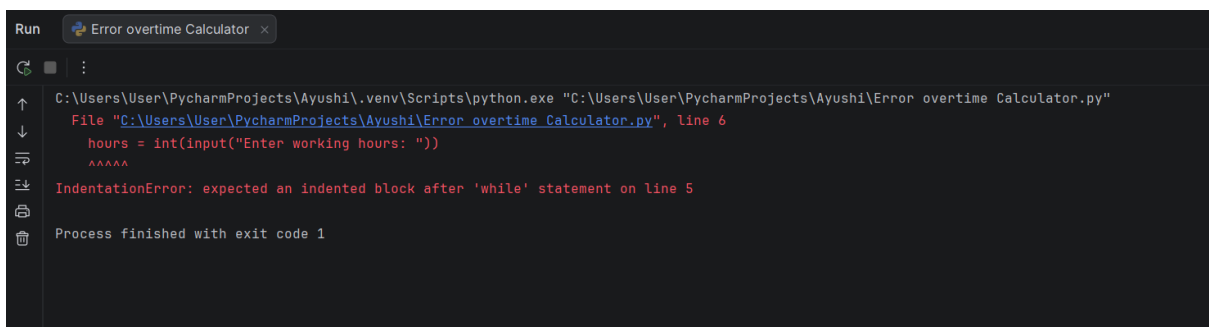# Report

Error code:

```python
print("Overtime Calculator")
workers = int(input("Enter number of workers: "))
i = 0
total_payment = 0
while i < workers:
hours = int(input("Enter working hours: "))
rate = int(input("Enter rate per hour: "))
if hours > 40:
overtime = (hours - 40) * rate * 1.5
else:
overtime = 0
salary = (40 * rate) + overtime
total_payment = total_payment + salary
print("Salary:", salary
i = i + 1
print("Total Payment:", total_payment)
if total_payment > 100000:
print("High expense")
else:
print("Normal expense")
```

output

```
Run    Error overtime Calculator  ×

C:\Users\User\PycharmProjects\Ayushi\.venv\Scripts\python.exe "C:\Users\User\PycharmProjects\Ayushi\Error overtime Calculator.py"
  File "C:\Users\User\PycharmProjects\Ayushi\Error overtime Calculator.py", line 6
    hours = int(input("Enter working hours: "))
    ^^^^^
IndentationError: expected an indented block after 'while' statement on line 5

Process finished with exit code 1
```

List of error in this

1) All statements inside the while loop are not indented properly.

Example (Wrong):

while i < workers:
hours = int(input("Enter working hours: "))

It should be:

while i < workers:
    hours = int(input("Enter working hours: ")

2. Syntax Error in Overtime Line

You wrote:

overtime = (hours - 40) * rate * 1.5 list error in code

The text list error in code should not be there.
 Correct:

overtime = (hours - 40) * rate * 1.5

3. Missing Closing Bracket in Print Statement

You wrote:

print("Salary:", salary

 Missing)

Correct:

print("Salary:", salary)

4. Wrong Salary Calculation Logic

You wrote:

salary = (40 * rate) + overtime

This always calculates 40 hours pay even if worker worked less than 40 hours.

Correct logic:

```
if hours > 40:
    salary = (40 * rate) + overtime
else:
    salary = hours * rate
```

5. Indentation Error in Final If-Else

This part also needs indentation:

```
if total_payment > 100000:
print("High expense")
else:
print("Normal expense")
```

✓ Correct:

```
if total_payment > 100000:
    print("High expense")
else:
    print("Normal expense")
```

Corrected code

```
print("Overtime Calculator")
workers = int(input("Enter number of workers: "))
i = 0
total_payment = 0

while i < workers:
    hours = int(input("Enter working hours: "))
    rate = int(input("Enter rate per hour: "))

    if hours > 40:
        overtime = (hours - 40) * rate * 1.5
    else:
        overtime = 0
```
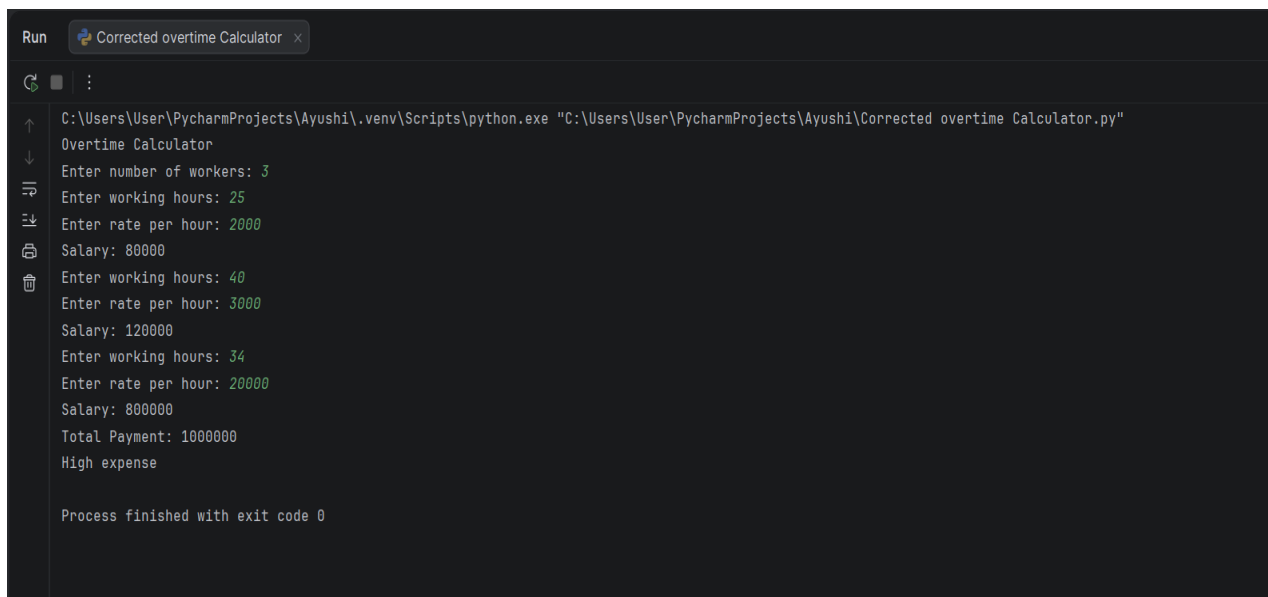
```
    salary = (40 * rate) + overtime
    total_payment = total_payment + salary

    print("Salary:", salary)
    i = i + 1

print("Total Payment:", total_payment)

if total_payment > 100000:
    print("High expense")
else:
    print("Normal expense")
```

output

```
Run    Corrected overtime Calculator  ×

C:\Users\User\PycharmProjects\Ayushi\.venv\Scripts\python.exe "C:\Users\User\PycharmProjects\Ayushi\Corrected overtime Calculator.py"
Overtime Calculator
Enter number of workers: 3
Enter working hours: 25
Enter rate per hour: 2000
Salary: 80000
Enter working hours: 40
Enter rate per hour: 3000
Salary: 120000
Enter working hours: 34
Enter rate per hour: 20000
Salary: 800000
Total Payment: 1000000
High expense

Process finished with exit code 0
```