ALA1-ERRORS

error code:

```
print("Interest Calculator")

years = int(input("Enter years: "))
principal = 1000
rate = 5
i = 1
total_interest = 0

while i <= years:
    interest = principal * rate * i / 100
    total_interest = total_interest + interest

    print("Year", i, "Interest:", interest)

    if interest > 200:
        print("High interest")
    else:
        print("Normal interest")

    i = i + 1

print("Total Interest:", total_interest)

if total_interest > 1000:
    print("Good return")
else:
    print("Low return")
```

Total – 3 Error in this code

Error-1 :

while i <= years:
interest = principal * rate * i / 100 **(indenteon error)**.

After
while i <= years:
   interest = principal * rate * i / 100

Error-2 :

if interest > 200

after (missing collon)

if interest > 200:

Error-3 :

print("Total Interest:", total_interest

after (braket not close)

print("Total Interest:", total_interest)

<u>slove code :</u>

```python
a print("Interest Calculator")

years = int(input("Enter years: "))
principal = 1000
rate = 5
i = 1
total_interest = 0

while i <= years:
    # Simple Interest for each year
    interest = principal * rate / 100

    total_interest = total_interest + interest

    print("Year", i, "Interest:", interest)

    if interest > 200:
        print("High interest")
    else:
        print("Normal interest")

    i = i + 1

print("Total Interest:", total_interest)

if total_interest > 1000:
    print("Good return")
else:
    print("Low return")
```
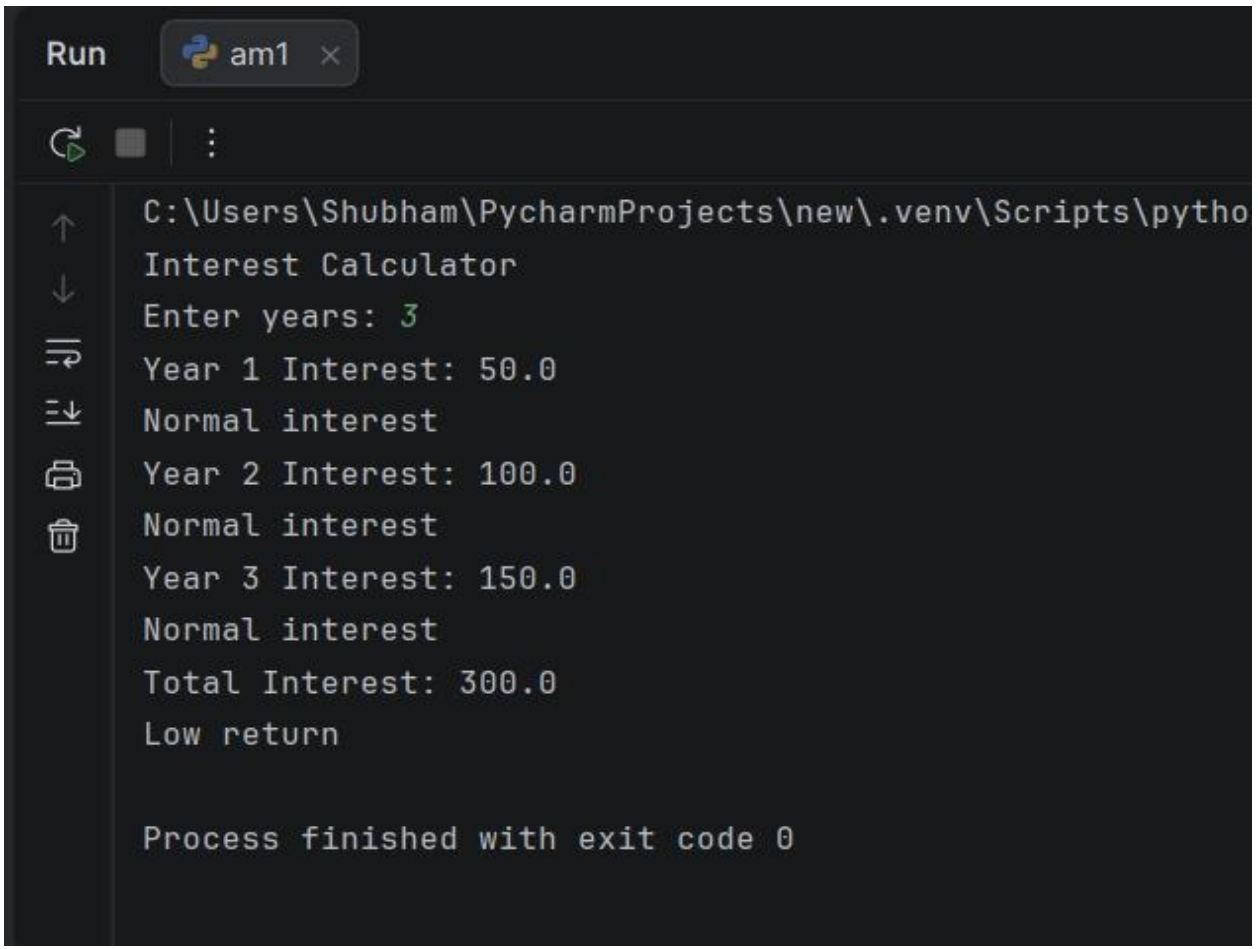
Outputs :

```
Run        am1  ×

C:\Users\Shubham\PycharmProjects\new\.venv\Scripts\pytho
Interest Calculator
Enter years: 3
Year 1 Interest: 50.0
Normal interest
Year 2 Interest: 100.0
Normal interest
Year 3 Interest: 150.0
Normal interest
Total Interest: 300.0
Low return

Process finished with exit code 0
```