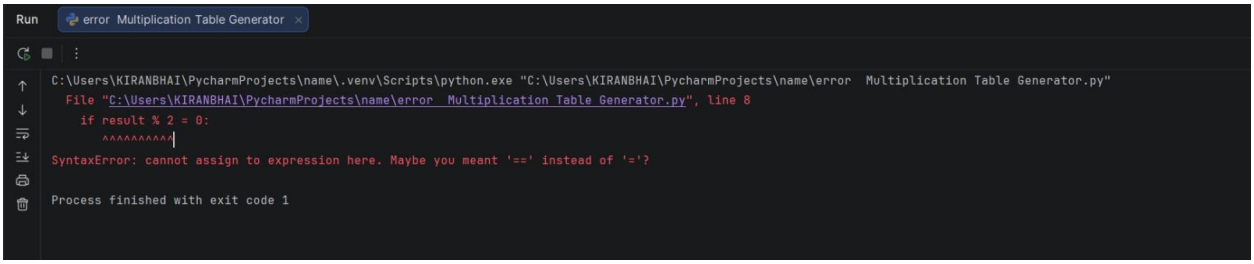
# REPORT

## Error code:

```
print("Multiplication Table Generator")
num = int(input("Enter number: "))
i = 1
total = 0
while i <= 10:
    result = num * i
    print(num, "x", i, "=", result)
    if result % 2 = 0:
        print("Even result")
    else:
        print("Odd result")
    total = total + result
    i = i + 1
 print("Sum of table:", total
if total > 100 print("Large sum")
else:
    print("Small sum")
```




## List of Errors

**1) Improper Indentation inside while loop**

Statements inside the `while i <= 10:` loop are not properly indented, causing an Indentation Error.

**2) Incorrect Comparison Operator**

Used `=` instead of `==` in `if result % 2 = 0:` which causes a Syntax Error.

**3) Improper If Statement Format**

The statement `if total > 100 print("Large sum")` is written without a colon and proper structure.

**4) Missing Closing Parenthesis**

The line `print("Sum of table:", total` is missing a closing `)` which causes a Syntax Error.

**5) Missing Colon (:)**

The condition `if total > 100` does not have a colon at the end.

**6) Incorrect Indentation of Final If-Else Block**

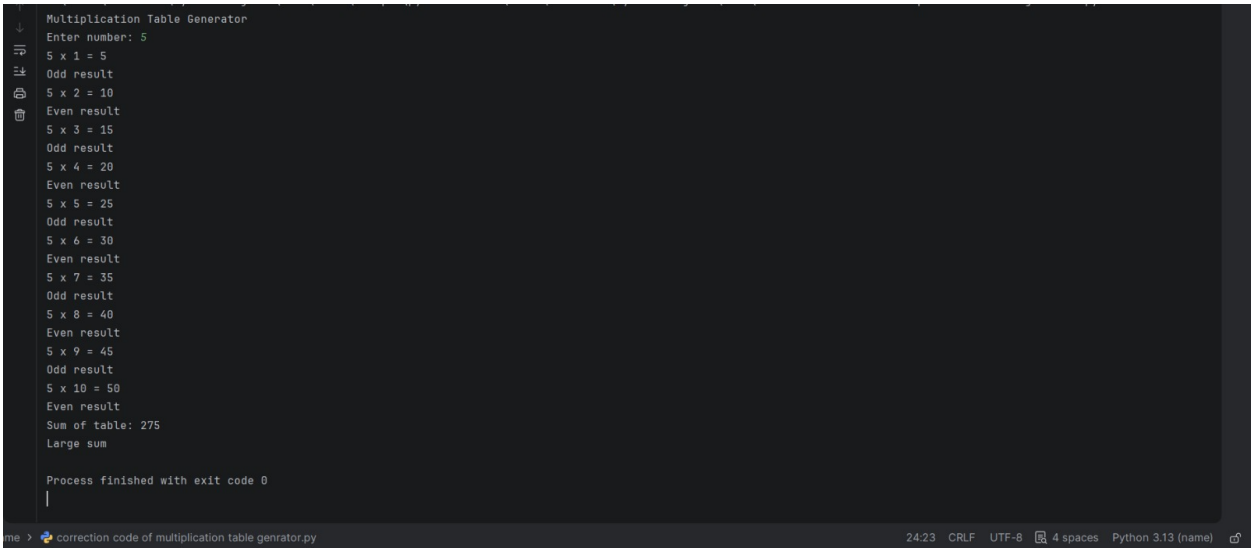
The print statements under the final `if` and `else` are not properly indented.

**Correct code:**

```
print("Multiplication Table Generator")

num = int(input("Enter number: "))
```

```
i = 1
total = 0
while i <= 10:
    result = num * i
    print(num, "x", i, "=", result)
    if result % 2 == 0:
        print("Even result")
    else:
        print("Odd result")
    total = total + result
    i = i + 1
print("Sum of table:", total)
if total > 100:
    print("Large sum")
else:
    print("Small sum")
```


Multiplication Table Generator
Enter number: 5
5 x 1 = 5
Odd result
5 x 2 = 10
Even result
5 x 3 = 15
Odd result
5 x 4 = 20
Even result
5 x 5 = 25
Odd result
5 x 6 = 30
Even result
5 x 7 = 35
Odd result
5 x 8 = 40
Even result
5 x 9 = 45
Odd result
5 x 10 = 50
Even result
Sum of table: 275
Large sum
Process finished with exit code 0
correction code of multiplication table genrator.py
24:23 CRLF UTF-8 4 spaces Python 3.13 (name)