Aim:

Write a python program to print multiplication table of given number in given format.

Input:

- Prompt the user to enter a number (n) for which they want to generate the multiplication table.

Output Format:

- Print the multiplication table of the entered number in the following format for numbers from 1 to 10:
- Each line should display the multiplication operation in the format {n}*{i}={result}, where {n} is the entered number, {i} ranges from 1 to 10, and {result} is the product of {n} and {i}.

Source Code:

multiplication_table.py

```python
a=int(input("Enter a number : "))
for i in range(1,11,1):
    c=a*i;
    print(f"{a}*{i}={c}")
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter a number : 2
2*1=2
2*2=4
2*3=6
2*4=8
2*5=10
2*6=12
2*7=14
2*8=16
2*9=18
2*10=20

Test Case - 2
User Output
Enter a number : 13
13*1=13
13*2=26
13*3=39
13*4=52
13*5=65
13*6=78
13*7=91
13*8=104

13*9=117
13*10=130