

Write a program to print the tables by using loops and range

```
num = int(input("enter the number: "))
```

```
for i in range(1,num):
```

```
    for j in range(1,11):
```

```
        print(f"{i} * {j} = {i*j}")
```

```
    print("_____")
```

out put:--

enter the number: 6

1 * 1 = 1

1 * 2 = 2

1 * 3 = 3

1 * 4 = 4

1 * 5 = 5

1 * 6 = 6

1 * 7 = 7

1 * 8 = 8

1 * 9 = 9

1 * 10 = 10

2 * 1 = 2

2 * 2 = 4

2 * 3 = 6

2 * 4 = 8

2 * 5 = 10

2 * 6 = 12

$$2 * 7 = 14$$

$$2 * 8 = 16$$

$$2 * 9 = 18$$

$$2 * 10 = 20$$

$$3 * 1 = 3$$

$$3 * 2 = 6$$

$$3 * 3 = 9$$

$$3 * 4 = 12$$

$$3 * 5 = 15$$

$$3 * 6 = 18$$

$$3 * 7 = 21$$

$$3 * 8 = 24$$

$$3 * 9 = 27$$

$$3 * 10 = 30$$

$$4 * 1 = 4$$

$$4 * 2 = 8$$

$$4 * 3 = 12$$

$$4 * 4 = 16$$

$$4 * 5 = 20$$

$$4 * 6 = 24$$

$$4 * 7 = 28$$

$$4 * 8 = 32$$

$$4 * 9 = 36$$

4 * 10 = 40

5 * 1 = 5

5 * 2 = 10

5 * 3 = 15

5 * 4 = 20

5 * 5 = 25

5 * 6 = 30

5 * 7 = 35

5 * 8 = 40

5 * 9 = 45

5 * 10 = 50

=== Code Execution Successful ===

Patterns :-

```
for i in range(1,6):
```

```
    for j in range(i,i+1):
```

```
        print("* " * j)
```

```
    print(end = "")
```

o/p:

*

* *

* * *

```
* * * *
```

```
* * * * *
```

Ex:- 2

```
for i in range(1,6):
```

```
    for j in range(1,6):
```

```
        print("* ", end="")
```

```
    print()
```

o/p:-

```
* * * * *
```

```
* * * * *
```

```
* * * * *
```

```
* * * * *
```

```
* * * * *
```

Ex=3:

```
for i in range(6,0,-1):
```

```
    for j in range(i):
```

```
        print("* ", end="")
```

```
    print()
```

o/p:

```
* * * * *
```

```
* * * * *
```

```
* * * *
```

```
* * *
```

```
* *
```

*

practice

1

12

123

1234

12345

for i in range(1,6):

print(i)

for j in range(1,i+1):

print(j,end="")

print()

1

22

333

4444

55555

for i in range(1,6):

for j in range(1,i+1):

```
        print(i,end="")
    print()

# 1

# 11

# 111

# 1111

# 11111

n = 1

for i in range(1,7):
    for j in range(1,i):
        print(n,end="")
    print()

# 12345

# 1234

# 123

# 12

# 1

num = int(input("enter the number:- "))

for i in range(num,1,-1):
    for j in range(1,i):
        print(j,end="")
    print()
```

55555

4444

333

22

1

```
num = int(input("enter the number:- "))
```

```
for i in range(num):
```

```
    for j in range(num,i,-1):
```

```
        print(num-i,end="")
```

```
    print()
```

11111

2222

333

44

5

```
num =int(input("enter the number:- "))
```

```
for i in range(1,num+1):
```

```
    for j in range(num,i-1,-1):
```

```
        print(i,end="")
```

```
    print()
```