Patterns

#2x2 pattern

**

**

```
for i in range(1,3):

    for j in range(1,3):

        print("*",end="")

    print()
```

#2x5 pattern

*****

*****

```
for i in range(1,3):

    for j in range(1,6):

        print("*",end="")

    print()
```

#10x10 pattern

****

****

****

****

****

****

****

****

```
**********
**********
for i in range(1,11):
    for j in range(1,11):
        print("*",end="")
    print()
```

#5x10 pattern

```
**********
**********
**********
**********
**********
for i in range(1,6):
    for j in range(1,11):
        print("*",end="")
    print()'''
```

#number patterns

2x5 pattern

12345

 12345

```
for i in range(1,3):
    for j in range(1,6):
        print(j,end="")
    print()
```

#5x5

12345

12345

12345

12345

12345

```python
for i in range(1,6):
    for j in range(1,6):
        print(j,end="")
    print()
```

#2x10 pattern

12345678910

12345678910

```python
for i in range(1,3):
    for j in range(1,11):
        print(j,end="")
    print()
```

#10x5 pattern

12345

12345

12345

12345

12345

12345

12345

12345

12345

12345

```
for i in range(1,11):
    for j in range(1,6):
        print(j,end="")
    print()
```

#10x2 pattern

12

12

12

12

12

12

12

12

12

12

```
for i in range(1,11):
    for j in range(1,3):
        print(j,end="")
    print()
```

#triangle patterns

```
*
* *
* * *
```

```python
for i in range(1,4):
    print("*"*i)
```

#print 1 to 5 tables

```python
for i in range(1,6):
    for j in range(1,11):
        print(f"{i} * {j} = {i*j}")
    print("----------------")
```

#pattern:

1

12

123

1234

12345

```python
for i in range(1,6):
    for j in range(1,i+1):
        print(j,end="")
    print()
```

#pattern

1

22

333

4444

55555

rows=5

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

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

    print(i,end="")

  print()

#pattern

1

11

111

1111

11111

rows=5

n=1

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

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

    print(n,end="")

  print()

#pattern

1

23

456

78910

1112131415

```
rows=5
n=1
for i in range(1,rows+1):
    for j in range(1,i+1):
        print(n,end="")
        n+=1
    print()
```

#pattern

12345

1234

123

12

1

```
rows=5
for i in range(rows,0,-1):
    for j in range(1,i+1):
        print(j,end="")
    print()
```

#pattern

55555

4444

333

22

1

```
rows=5
for i in range(rows,0,-1):
   for j in range(1,i+1):
      print(i,end="")
   print()
```

#pattern

11111

2222

333

44

5

```
rows=5
for i in range(1,rows+1):
   for j in range(1,rows-i+2):
      print(i,end="")
   print()
```