

Left-Angled Triangle Pattern

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

```

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

Inverted Pyramid Pattern

```
rows = 5
for i in range(rows, 0, -1):
    for j in range(rows - i):
        print(" ", end=" ")
    for k in range(1, 2 * i):
        print("*", end=" ")
    print()
```

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

Right-Angled Triangle Pattern

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

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

Inverted Right-Angled Triangle Pattern

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

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

Pyramid Pattern

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

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

Right-Angled Triangle

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

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

Left-Angled Triangle

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

```
1
 1 2
 1 2 3
 1 2 3 4
1 2 3 4 5
```

Pyramid

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

```
1
 1 2
 1 2 3
 1 2 3 4
1 2 3 4 5
```

Inverted Num. Right-Angled Triangle Pattern

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

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

Number Right-Angled Triangle Pattern

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

```

    1
  1 2 1
1 2 3 2 1
1 2 3 4 3 2 1
1 2 3 4 5 4 3 2 1
```

Diamond Pattern

```
rows = 5
for i in range(1, rows + 1):
    for j in range(rows - i):
        print(" ", end=" ")
    for k in range(1, 2 * i):
        print("*", end=" ")
    print()
for i in range(rows - 1, 0, -1):
    for j in range(rows - i):
        print(" ", end=" ")
    for k in range(1, 2 * i):
        print("*", end=" ")
    print()
```

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

Number Right-Angled Triangle Pattern

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

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

Inverted Number Pyramid Pattern

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

1 2 3 4 5 4 3 2 1
1 2 3 4 3 2 1
1 2 3 2 1
1 2 1
1

Number Left-Angled Triangle Pattern

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

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

Inverted Number Pyramid Pattern

```
rows = 6
for i in range(1, rows + 1):
    for j in range(rows - i):
        print(" ", end=" ")
    for k in range(1, i + 1):
        print(chr(64 + k), end=" ")
    for l in range(i - 1, 0, -1):
        print(chr(64 + l), end=" ")
    print()
for i in range(rows - 1, 0, -1):
    for j in range(rows - i):
        print(" ", end=" ")
    for k in range(1, i + 1):
        print(chr(64 + k), end=" ")
    for l in range(i - 1, 0, -1):
        print(chr(64 + l), end=" ")
    print()
```

```

      A
    A B A
  A B C B A
A B C D C B A
A B C D E D C B A
A B C D E F E D C B A
A B C D E D C B A
  A B C D C B A
    A B C B A
      A B A
        A
```