

```
In [82]: #pyramid
k = 6
for i in range(0, k):
    for j in range(i, 0,+1):
        print(j, end = " ")
    print("")
```

```
In [76]: a = 13
for i in range(0, 10):
    for j in range(0, a):
        print(end=" ")
    a = a - 1
    for j in range(0, i+1):
        print("* ", end = "")
    print()
```

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In [11]: a = 8
for i in range (0 , 5):
    for j in range(0, a):
        print(end = " ")
    a = a - 2
    for j in range(0, i+1):
        print("*", end = " ")
    print()
```

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In [38]: a=7
for i in range(0, 6):
    for j in range(0, a):
        print(end = " ")
    a = a - 1
    for j in range(0 , i+1):
        print("*", end=" ")
    print()
```

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```

```
In [52]: a = 16
for i in range(0, 15):
    for j in range(0, a):
        print(end=" ")
    a = a - 1
    for j in range(0, i+1):
        print(a, end=" ")
    print()
```

```

15
14 14
13 13 13
12 12 12 12
11 11 11 11 11
10 10 10 10 10 10
9 9 9 9 9 9 9
8 8 8 8 8 8 8 8
7 7 7 7 7 7 7 7 7
6 6 6 6 6 6 6 6 6 6
5 5 5 5 5 5 5 5 5 5 5
4 4 4 4 4 4 4 4 4 4 4 4
3 3 3 3 3 3 3 3 3 3 3 3 3
2 2 2 2 2 2 2 2 2 2 2 2 2 2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

```
In [44]: k = 1
for i in range (0, 5):
    for j in range (0, i+1):
        print(k, end = " ")
        k = k + 1
    print()
```

```

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

In [88]:

```
for i in range(0,9):  
    for j in range(9,i,-1):  
        print(j-1, end=" ")  
    print()
```

8 7 6 5 4 3 2 1 0

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2

8 7 6 5 4 3

8 7 6 5 4

8 7 6 5

8 7 6

8 7

8

In []: