**Pattern-1**

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n=4

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

for sp in range(1,(n-i)+1):

print(' ',end='')

for j in range(1,2\*i)

print('\*',end='')

print()

**Pattern-2**

**1**

**123**

**12345**

**1234567**

n=4

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

a=0

for sp in range(1,(n-i)+1):

print(' ',end='')

for j in range(1,2\*i):

a+=1

print(a,end='')

print()

**Pattern-3**

**1**

**1 2**

**1 2 3**

**1 2 3 4**

n=4

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

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

print(j,end=' ')

print()

**Pattern-4**

**1**

**2 2**

**3 3 3**

**4 4 4 4**

n=4

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

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

print(i,end=' ')

print()

**Pattern-5**

**1**

**2 3**

**3 4 5**

**4 5 6 7**

n=4

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

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

print(i+j-1,end=' ')

print()