

Example:

	1	2	3	4	5
1	1				
2	1	0			
3	1	0	1		
4	1	0	1	0	
5	1	0	1	0	1

```
for i in range(1,6):
    for j in range(1,i+1):
        if j%2==0:
            print("0",end=' ')
        else:
            print("1",end=' ')
    print()
```

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

```
for i in range(1,6):
    for j in range(1,i+1):
        if j%2==0:
            print("*",end=' ')
        else:
            print("$",end=' ')
    print()
```

```
1
1 0
1 0 1
1 0 1 0
1 0 1 0 1
```

```
1
1 2
```

```

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

```

```

$
$ *
$ * $
$ * $ *
$ * $ * $

```

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

```

for i in range(5,0,-1):
    for j in range(1,i+1):
        if j%2==0:
            print("*",end=' ')
        else:
            print(j,end=' ')
    print()

```

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

```

num=1
for i in range(1,6):
    for j in range(1,i+1):
        print(num,end='\t')
    num=num+1
    print()

```

	65	66	67	68	69
65	A				
66	A	B			
67	A	B	C		
68	A	B	C	D	
69	A	B	C	D	E

```

for i in range(65,70):
    for j in range(65,i+1):
        print(chr(j),end=' ')
    print()

```

```

A B C D E
A B C D
A B C
A B
A

```

```

for i in range(69,64,-1):
    for j in range(65,i+1):
        print(chr(j),end=' ')
    print()

```

```

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

```

```

for i in range(1,6):
    for j in range(1,6):
        if j>=i:
            print(j,end=' ')
        else:
            print(' ',end=' ')
    print()

```

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

```

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

```

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

```

for i in range(1,6):
    for j in range(5,0,-1):
        if j==i:
            print("*",end=' ')
        else:
            print(" ",end=' ')
    print()

```

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

```
for i in range(1,6):
    for j in range(1,6):
        if i==j or i+j==6:
            print("*",end=' ')
        else:
            print(" ",end=' ')
    print()
```

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

```
for i in range(1,6):
    for j in range(1,6):
        if i==1 or i==5:
            print("*",end=' ')
        else:
            print(" ",end=' ')
    print()
```

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

```
for i in range(1,6):
    for j in range(1,6):
        if j==1 or j==5:
            print("*",end=' ')
        else:
            print(" ",end=' ')
    print()
```

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

```
for i in range(1,6):
    for j in range(1,6):
        if i==1 or i==5 or j==1 or j==5:
            print("*",end=' ')
        else:
            print(" ",end=' ')
    print()
```

```

      _____ x
      _____ x  x
      _____ x  x  x
      _____ x  x  x  x
      _____ x  x  x  x  x

```

```

s=4
for i in range(1,6):
    for k in range(s):
        print(" ",end="")
    for j in range(1,i+1):
        print("*",end=' ')
    s=s-1
    print()

```

```

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

```

```

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

```