

In [2]:

```
1  ## task-10 patterns
2  # pattern 0
3
4  for i in range(5):          # for i in range(6):
5      for j in range(i+1):    #     for j in range(i):
6          print("*",end=' ')  #         print('*',end='')
7      print()                 #     print()
```

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

In [9]:

```
1  # pattern 1
2  for i in range(5):
3      for j in range(5):
4          print('*',end=' ')
5      print()
6
7  print('----or-----')
8
9  for i in range(5):
10     print('* * * * *')
```

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

----or-----
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

In [2]:

```
1  ## task-10 patterns
2  # pattern 0
3
4  for i in range(5):          # for i in range(6):
5      for j in range(i+1):    # for j in range(i):
6          print("*",end=' ')  # print('*',end='')
7      print()                # print()
```

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

In [9]:

```
1  # pattern 1
2  for i in range(5):
3      for j in range(5):
4          print('*',end=' ')
5      print()
6
7  print('----or----')
8
9  for i in range(5):
10     print('* * * * *')
```

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

----or----
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

In [43]:

```
1 # pattern 5
2 for i in range(5):
3     for j in range(i,5):
4         print(' ',end='')
5     for j in range(i+1):
6         print('*',end='')
7     print()
8
```

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

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In [60]:

```
1 #pattern 6
2 for i in range(5):
3     for j in range(i,5):
4         print(' ',end='')
5     for j in range(i):
6         print('*',end='')
7     for j in range(i+1):
8         print('*',end='')
9     print()
10
```

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