

22/09/2025

Pattern Programs:

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

o/p:

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

```
for i in range(1,6,1):  
    for j in range(5,i,-1):  
        print('-',end=' ')  
    for k in range(1,i+1,1):  
        print('*',end=' ')  
    print()
```

o/p:

```
- - - - *  
- - - * *  
- - * * *  
_ * * * *  
* * * * *
```

```
for i in range(1,6,1):
```

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

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

```
    print()
```

```
for x in range(1,5,1):
```

```
    for y in range(5,x,-1):
```

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

```
    print()
```

o/p:

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

```
for i in range(1,6,1):
```

```
    print('*'*i, end=' ')
```

```
    print(' '*(2*(5-i)),end=' ')
```

```
    print('*'*i, end=' ')
```

```
    print()
```

o/p:

```
*           *
```

```
**          **
```

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

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

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

```
for i in range(1,6,1):
```

```
    print('*'*i,end=' ')
```

```
    print(' '*(2*(5-i)),end=' ')
```

```
    print('*'*i,end=' ')
```

```
    print()
```

```
for j in range(4,0,-1):
```

```
    print('*'*j,end=' ')
```

```
    print(' '*(2*(5-j)),end=' ')
```

```
    print('*'*j,end=' ')
```

```
    print()
```

o/p:

```
*           *

**        **

***      ***

****    ****

*****  *****

*****  *****

****    ****

***      ***

**        **

*           *
```