

```
for i in range(5):
    print(1,end=' ')
```

```
1 1 1 1 1
```

```
for i in range(5):
    print(i,end=' ')
```

```
0 1 2 3 4
```

```
for i in range(3):
    for j in range(5):
        print(1,end=' ')
    print()
```

```
1 1 1 1 1
1 1 1 1 1
1 1 1 1 1
```

```
rows = 5
cols = 5
for row in range(rows):
    for col in range(cols):
        print(1,end=' ')
    print()
```

```
1 1 1 1 1
1 1 1 1 1
1 1 1 1 1
1 1 1 1 1
1 1 1 1 1
```

```
rows = 5
cols = 5
for row in range(rows):
    for col in range(cols):
        if row == col:
            print(row,end=' ')
        else:
            print(1,end=' ')
    print()
```

```
0 1 1 1 1
1 1 1 1 1
1 1 2 1 1
1 1 1 3 1
1 1 1 1 4
```

```
...
0 * * * *
* 0 * * *
* * 0 * *
* * * 0 *
* * * * 0
...
rows = 5
```

```
cols = 5
for row in range(rows):
    for col in range(cols):
        if row == col:
            print(0,end=' ')
        else:
            print('*',end=' ')
    print()
```

```
0 * * * *
* 0 * * *
* * 0 * *
* * * 0 *
* * * * 0
```

```
'''
```

```
0 * * * *
@ 0 * * *
@ @ 0 * *
@ @ @ 0 *
@ @ @ @ 0
'''
```

```
rows = 5
cols = 5
for row in range(rows):
    for col in range(cols):
        if row == col:
            print(0,end=' ')
        elif row < col:
            print('*',end=' ')
        elif row > col:
            print('@',end=' ')
    print()
```

```
0 * * * *
@ 0 * * *
@ @ 0 * *
@ @ @ 0 *
@ @ @ @ 0
```

```
rows = 5
cols = 5
for row in range(rows):
    for col in range(cols):
        if row == 0 or row == 4 or col == 0 or col == 4:
            print('*',end=' ')
        else:
            print(' ',end=' ')
    print()
```

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

```

rows = 5
cols = 5
for row in range(rows):
    for col in range(cols):
        if row == 0 or row == 4 or col == 0 or col == 4:
            print(row,end=' ')
        else:
            print(' ',end=' ')
    print()

```

```

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

```

```

rows = 5
cols = 5
count = 0
for row in range(rows):
    for col in range(cols):
        if row==0 or row==4 or col==0 or col==4:
            print(count,end='\t')
            count = count + 1
        else:
            print(' ',end='\t')
    print()

```

```

0      1      2      3      4
5      6
7      8
9      10
11     12     13     14     15

```

```

s = 'abcdefghijklmnop'
rows = 5
cols = 5
count = 0
for row in range(rows):
    for col in range(cols):
        if row==0 or row==4 or col==0 or col==4:
            print(s[count],end=' ')
            count = count + 1
        else:
            print(' ',end=' ')
    print()

```

```

a b c d e
f      g
h      i
j      k
l m n o p

```

```

s = 'abcdefghijklmnop'
rows = 5
cols = 5

```

```

count = len(s)-1
for row in range(rows):
    for col in range(cols):
        if row==0 or row==4 or col==0 or col==4:
            print(s[count],end=' ')
            count = count - 1
        else:
            print(' ',end=' ')
    print()

```

```

p o n m l
k       j
i       h
g       f
e d c b a

```

```

s = 'abcdefghijklmnop'
rows = 5
cols = 5
index = 0
num = 1
for row in range(rows):
    for col in range(cols):
        if row==0 or row==4 or col==0 or col==4:
            print(s[index],end=' ')
            index = index + 1
        else:
            print(num,end=' ')
            num = num + 1
    print()

```

```

a b c d e
f 1 2 3 g
h 4 5 6 i
j 7 8 9 k
l m n o p

```

```

s = 'aeiou'
rows = 5
cols = 5
index = 0
num = 1
for row in range(rows):
    for col in range(cols):
        if row==0 or row==4 or col==0 or col==4:
            print(s[(index % len(s))],end=' ')
            index = index + 1
        else:
            print(num,end=' ')
            num = num + 1
    print()

```

```

a e i o u
a 1 2 3 e
i 4 5 6 o

```

```
u 7 8 9 a  
e i o u a
```

```
'''  
j  
j a  
j a g  
j a g a  
j a g a d  
j a g a d e  
j a g a d e e  
j a g a d e e s  
j a g a d e e s h  
'''
```

```
s = 'jagadeesh'  
rows = len(s)  
cols = len(s) - 1  
for row in range(rows):  
    for col in range(row + 1):  
        print(s[col],end=' ')  
    print()
```

```
j  
j a  
j a g  
j a g a  
j a g a d  
j a g a d e  
j a g a d e e  
j a g a d e e s  
j a g a d e e s h
```

[Colab paid products - Cancel contracts here](#)

✓ 0s completed at 1:34 PM

