**#square**

for i in range(5):  
 for j in range(5):  
 print("\* ",end=" ")  
 print()  
  
for i in range(4):  
 print("\* " \* 4)

#

for i in range(1,5):  
 print(str(i)\*3)  
  
'''  
111  
222  
333  
444  
'''

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

1 2 3 4

1 2 3 4

1 2 3 4

1 2 3 4

for i in range(0,5):  
 for j in range(0, 5):  
 print((chr(65+j)),end=" ")  
 print()

A B C D E

A B C D E

A B C D E

A B C D E

A B C D E

for i in range(0,5):  
   
 print(str((5-i))\*5)

55555

44444

33333

22222

11111

for i in range(5):  
  
  
 print(chr((64+5-i))\*5)

EEEEE

DDDDD

CCCCC

BBBBB

AAAAA

for i in range(5):  
 for j in range(5):  
 print(5-j,end=" ")  
 print()

5 4 3 2 1

5 4 3 2 1

5 4 3 2 1

5 4 3 2 1

5 4 3 2 1

for i in range(0,5):  
 for j in range(0, 5):  
 print((chr(64+5-j)),end=" ")  
 print()

E D C B A

E D C B A

E D C B A

E D C B A

E D C B A

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

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

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

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

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

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

for i in range(0,5):  
   
 print((chr(65+i))\*(i+1))

A

BB

CCC

DDDD

EEEEE

for i in range(0,5):  
 for j in range(i+1):  
 print((chr(65+j)),end="")  
 print()

A

AB

ABC

ABCD

ABCDE

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

5

54

543

5432

54321

for i in range(0,5):  
 for j in range(i+1):  
 print(chr(64+5-j),end="")  
 print()

E

ED

EDC

EDCB

EDCBA

for i in range(0,5):  
 for j in range(5-i):  
 print("\*",end="")  
 print()

\*\*\*\*\*

\*\*\*\*

\*\*\*

\*\*

\*

for i in range(5):  
 #for j in range(5):  
 print(str(i+1)\*(5-i),end="")  
 print()

11111

2222

333

44

5

for i in range(5):  
 #for j in range(5):  
 print(chr(65+i)\*(5-i),end="")  
 print()

AAAAA

BBBB

CCC

DD

E

for i in range(5):  
  
 print(str(5-i) \* (5-i))

55555

4444

333

22

1

for i in range(5):  
  
 print(chr(64+5-i) \* (5-i))

FFFFF

EEEE

DDD

CC

B

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

12345

1234

123

12

1

for i in range(5):  
 for j in range(5-i):  
 print(5-j,end="")  
 print()

54321

5432

543

54

5

for i in range(5):  
 for j in range(5-i):  
 print(chr(64+5-j),end="")  
 print()

EDCBA

EDCB

EDC

ED

E

for i in range(4):  
  
 print(' '\*(4-i-1)+'\* ' \* (i+1))

\*

\* \*

\* \* \*

\* \* \* \*

Rules(

Space of every row

Which symbol

How many times)

for i in range(4):  
  
 print((' '\*(4-i-1))+ (str(i+1)+' ')\*(i+1))

1

2 2

3 3 3

4 4 4 4

for i in range(4):  
  
 print((' '\*(4-i-1))+ (chr(65+i)+' ')\*(i+1))

A

B B

C C C

D D D D

for i in range(4):  
  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(j+1,end=' ')  
 print()

1

1 2

1 2 3

1 2 3 4

for i in range(4):  
  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(chr(64+4-j),end=' ')  
 print()

D

D C

D C B

D C B A

for i in range(4):  
  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(chr(65+j),end=' ')  
 print()

A

A B

A B C

A B C D

for i in range(4):  
  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print((4-j),end=' ')  
 print()

4

4 3

4 3 2

4 3 2 1

for i in range(4):  
  
 print(' '\*i+ '\* '\*(4-i))

\* \* \* \*

\* \* \*

\* \*

\*

for i in range(4):  
  
 print(' '\*i+(str(i+1)+' ')\*(4-i))

1 1 1 1

2 2 2

3 3

4

for i in range(4):  
  
 print(' '\*i+(chr(64+i+1)+' ')\*(4-i))

A A A A

B B B

C C

D

for i in range(4):  
  
 print(' '\*i,end=' ')  
 for j in range(4-i):  
 print(j+1,end=' ')  
 print()

1 2 3 4

1 2 3

1 2

1

for i in range(4):  
  
 print(' '\*i,end=' ')  
 for j in range(4-i):  
 print(chr(65+j),end=' ')  
 print()

A B C D

A B C

A B

A

for i in range(4):  
  
 print(' '\*i,end=' ')  
 for j in range(4-i):  
 print((4-j),end=' ')  
 print()

4 3 2 1

4 3 2

4 3

4

for i in range(4):  
  
 print(' '\*i,end=' ')  
 for j in range(4-i):  
 print(chr(64+4-j),end=' ')  
 print()

D C B A

D C B

D C

D

>>>>>>>>>>>>>>>>>>>>>>>>>>>

No of spaces in eash row n-i-1

No of \* in eash row i+1

Revert rules

No of space eash row I +1

No of \* in each row n-i-1

for i in range(4):  
  
 print(' '\*(4-i-1)+"\* " \* (i+1))  
for i in range(4-1):  
 print(' ' \* ( i + 1) + "\* " \* (4-i - 1))

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

No of space easch row n-i-1

Each symble i+1

Which symble i+1

No of space i+1

Which digit n-i+1

How many times n-i-1

for i in range(4):  
  
 print(' '\*(4-i-1)+(str(i+1)+' ')\* (i+1))  
for i in range(4-1):  
 print(' ' \* ( i + 1) + (str(4-i-1)+' ') \* (4-i - 1))

1

2 2

3 3 3

4 4 4 4

3 3 3

2 2

1

for i in range(4):  
  
 print(' '\*(4-i-1)+(chr(65+i)+' ')\* (i+1))  
for i in range(4-1):  
 print(' ' \* ( i + 1) + (chr(63+4-i)+' ') \* (4-i - 1))

A

B B

C C C

D D D D

C C C

B B

A

for i in range(4):  
  
 print(' '\*(4-i-1),end=' ')  
 for j in range(i+1):  
 print(j+1,end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end=' ')  
 for j in range(4-i-1):  
 print((j+1),end=' ')  
  
 print()

1

1 2

1 2 3

1 2 3 4

1 2 3

1 2

1

Process finished with exit code 0

for i in range(4):  
  
 print(' '\*(4-i-1),end=' ')  
 for j in range(i+1):  
 print(chr(65+j),end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end=' ')  
 for j in range(4-i-1):  
 print(chr(65+j),end=' ')  
  
 print()

A

A B

A B C

A B C D

A B C

A B

A

Process finished with exit code 0

for i in range(4):  
  
 print(' '\*(4-i-1),end=' ')  
 for j in range(i+1):  
 print(4-j,end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end=' ')  
 for j in range(4-i-1):  
 print((4-j),end=' ')  
  
 print()

4

4 3

4 3 2

4 3 2 1

4 3 2

4 3

4

for i in range(4):  
 print('\* ' \*(i+1))  
  
for i in range(4-1):  
 print("\* "\*(4-i-1))

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

for i in range(4):  
 print((str(i+1)+' ') \*(i+1))  
  
for i in range(4-1):  
 print((str(4-i-1)+' ')\*(4-i-1))

1

2 2

3 3 3

4 4 4 4

3 3 3

2 2

1

for i in range(4):  
 print((chr(65+i)+' ') \*(i+1))  
  
for i in range(4-1):  
 print((chr(63+4-i)+' ')\*(4-i-1))

A

B B

C C C

D D D D

C C C

B B

A

for i in range(4):  
 for j in range(i+1):  
 print(j+1,end=' ')  
 print()  
  
for i in range(4-1):  
  
 for j in range(4-i-1):  
 print((j+1),end=' ')  
  
 print()

1

1 2

1 2 3

1 2 3 4

1 2 3

1 2

1

for i in range(4):  
 for j in range(i+1):  
 print(chr(65+j),end=' ')  
 print()  
  
for i in range(4-1):  
  
 for j in range(4-i-1):  
 print(chr(65+j),end=' ')  
  
 print()

A

A B

A B C

A B C D

A B C

A B

A

for i in range(4):  
 for j in range(i+1):  
 print(4-j,end=' ')  
 print()  
  
for i in range(4-1):  
  
 for j in range(4-i-1):  
 print((4-j),end=' ')  
  
 print()

4

4 3

4 3 2

4 3 2 1

4 3 2

4 3

4

for i in range(4):  
 for j in range(i+1):  
 print(chr(65+4-j),end=' ')  
 print()  
  
for i in range(4-1):  
  
 for j in range(4-i-1):  
 print(chr(64+4-j),end=' ')  
  
 print()

E

E D

E D C

E D C B

D C B

D C

D

for i in range(4):  
 print(' '\*(4-i-1)+'\* '\*(i+1))  
  
  
for i in range(4-1):  
 print(' '\*(i+1)+'\* '\*(4-i-1))

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

for i in range(4):  
 print(' '\*(4-i-1)+(str(i+1)+' ')\*(i+1))  
  
  
for i in range(4-1):  
 print(' '\*(i+1)+(str(4-i-1)+' ')\*(4-i-1))

1

2 2

3 3 3

4 4 4 4

3 3 3

2 2

1

for i in range(4):  
 print(' '\*(4-i-1)+(chr(65+i)+' ')\*(i+1))  
  
  
for i in range(4-1):  
 print(' '\*(i+1)+(chr(63+4-i)+' ')\*(4-i-1))

A

B B

C C C

D D D D

C C C

B B

A

for i in range(4):  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(j+1,end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end='')  
 for j in range(4-i-1):  
 print(j+1,end=' ')  
 print()

1

1 2

1 2 3

1 2 3 4

1 2 3

1 2

1

for i in range(4):  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(chr(65+j),end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end='')  
 for j in range(4-i-1):  
 print(chr(65+j),end=' ')  
 print()

A

A B

A B C

A B C D

A B C

A B

A

for i in range(4):  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(4-j,end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end='')  
 for j in range(4-i-1):  
 print(4-j,end=' ')  
 print()

4

4 3

4 3 2

4 3 2 1

4 3 2

4 3

4

for i in range(4):  
 print(' '\*(4-i-1),end='')  
 for j in range(i+1):  
 print(chr(65+4-j),end=' ')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1),end='')  
 for j in range(4-i-1):  
 print(chr(64+4-j),end=' ')  
 print()

E

E D

E D C

E D C B

D C B

D C

D

for i in range(4):  
 print(' '\*(4-i-1)+'\* ',end='')  
 if i>=1:  
 print(' '\*(2\*i-1)+"\*",end='')  
 print()  
#no of space after first \* [n-i-1]  
#if i>=1  
# before \* space[2\*i-1]

\*

\* \*

\* \*

\* \*

for i in range(4):  
 print(' '\*(4-i-1)+str(i+1)+' ',end='')  
 if i>=1:  
 print(' '\*(2\*i-1)+str(i+1),end='')  
 print()  
#no of space after first \* [n-i-1]  
#if i>=1  
# before \* space[2\*i-1]

1

2 2

3 3

4 4

for i in range(4):  
 print(' '\*(4-i-1)+chr(65+i)+' ',end='')  
 if i>=1:  
 print(' '\*(2\*i-1)+chr(65+i),end='')  
 print()  
#no of space after first \* [n-i-1]  
#if i>=1  
# before \* space[2\*i-1]

A

B B

C C

D D

for i in range(4):  
 print(' '\*(4-i-1)+str(4-i)+' ',end='')  
 if i>=1:  
 print(' '\*(2\*i-1)+str(4-i),end='')  
 print()  
#no of space after first \* [n-i-1]  
#if i>=1  
# before \* space[2\*i-1]

4

3 3

2 2

1 1

for i in range(4):  
 print(' '\*(4-i-1)+chr(64+4-i)+' ',end='')  
 if i>=1:  
 print(' '\*(2\*i-1)+chr(64+4-i),end='')  
 print()  
#no of space after first \* [n-i-1]  
#if i>=1  
# before \* space[2\*i-1]

D

C C

B B

A A

for i in range(4):  
 print(' '\*i+'\* ',end='')  
 if i!=4-1:  
 print(' '\*(2\*4-2\*i-3)+"\*",end='')  
 print()

\* \*

\* \*

\* \*

\*

for i in range(4):  
 print(' '\*i+str(4-i)+' ',end='')  
 if i!=4-1:  
 print(' '\*(2\*4-2\*i-3)+str(4-i),end='')  
 print()  
#some space + digit +some space+digit  
#i + n-i + 2n-2i-3+n-i  
#if i!=n-1

4 4

3 3

2 2

1

for i in range(4):  
 print(' '\*i+chr(64+4-i)+' ',end='')  
 if i!=4-1:  
 print(' '\*(2\*4-2\*i-3)+chr(64+4-i),end='')  
 print()  
#some space + digit +some space+digit  
#i + n-i + 2n-2i-3+n-i  
#if i!=n-1

D D

C C

B B

A

for i in range(4):  
 print(' '\*i+str(i+1)+' ',end='')  
 if i!=4-1:  
 print(' '\*(2\*4-2\*i-3)+str(i+1),end='')  
 print()  
#some space + digit +some space+digit  
#i + n-i + 2n-2i-3+n-i  
#if i!=n-1

1 1

2 2

3 3

4

for i in range(4):  
 print(' '\*i+chr(65+i)+' ',end='')  
 if i!=4-1:  
 print(' '\*(2\*4-2\*i-3)+chr(65+i),end='')  
 print()  
#some space + digit +some space+digit  
#i + n-i + 2n-2i-3+n-i  
#if i!=n-1

A A

B B

C C

D

for i in range(4):  
 print(' '\*(4-i-1)+'\* ',end='')  
 if i!=0: #except first row  
 print(' '\*(2\*i-1)+'\*',end='')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1)+'\* ',end='')  
 if i!=(4-2): #except last row  
 print(' '\*(2\*4-2\*i-5)+'\*',end='')  
 print()

\*

\* \*

\* \*

\* \*

\* \*

\* \*

\*

for i in range(4):  
 print(' '\*(4-i-1)+str(i+1)+' ',end='')  
 if i!=0: #except first row  
 print(' '\*(2\*i-1)+str(i+1)+' ',end='')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1)+str(4-i-1)+' ',end='')  
 if i!=(4-2): #except last row  
 print(' '\*(2\*4-2\*i-5)+str(4-i-1),end='')  
 print()

1

2 2

3 3

4 4

3 3

2 2

1

for i in range(4):  
 print(' '\*(4-i-1)+str(4-i)+' ',end='')  
 if i!=0: #except first row  
 print(' '\*(2\*i-1)+str(4-i)+' ',end='')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1)+str(i+2)+' ',end='')  
 if i!=(4-2): #except last row  
 print(' '\*(2\*4-2\*i-5)+str(i+2),end='')  
 print()

4

3 3

2 2

1 1

2 2

3 3

4

Process finished with exit code 0

for i in range(4):  
 print(' '\*(4-i-1)+chr(65+i)+' ',end='')  
 if i!=0: #except first row  
 print(' '\*(2\*i-1)+chr(65+i)+' ',end='')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1)+chr(63+4-i)+' ',end='')  
 if i!=(4-2): #except last row  
 print(' '\*(2\*4-2\*i-5)+chr(63+4-i),end='')  
 print()

A

B B

C C

D D

C C

B B

A

Process finished with exit code 0

for i in range(4):  
 print(' '\*(4-i-1)+chr(64+4-i)+' ',end='')  
 if i!=0: #except first row  
 print(' '\*(2\*i-1)+chr(64+4-i)+' ',end='')  
 print()  
  
for i in range(4-1):  
 print(' '\*(i+1)+chr(66+i)+' ',end='')  
 if i!=(4-2): #except last row  
 print(' '\*(2\*4-2\*i-5)+chr(66+i),end='')  
 print()

D

C C

B B

A A

B B

C C

D