▾ *ALL PATTERNS*

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for j in range(i+1):
    print(L[i],end="")
  print()
```

```
A
BB
CCC
DDDD
EEEEE
```

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for j in range(i+1):
    print(L[j],end="")
  print()
```

```
A
AB
ABC
ABCD
ABCDE
```

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for j in range(i,len(L)):
    print(L[j],end="")
  print()
```

```
ABCDE
BCDE
CDE
DE
E
```

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for j in range(i,len(L)):
    print(L[i],end="")
  print()
```

```
AAAAA
BBBB
CCC
DD
E
```

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i,len(L)):
    print("",end=" ")
  for j in range(i+1):
    print(L[j],end =" ")
  print()
```

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

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i,len(L)):
    print("",end=" ")
  for j in range(i+1):
    print(L[i],end =" ")
  print()
```

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

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i):
    print("",end=" ")
  for j in range(i,len(L)):
    print(L[i],end =" ")
  print()
```

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

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i):
    print(end=" ")
  for j in range(i,len(L)):
    print(L[j],end =" ")
  print()
```

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

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i,len(L)):
    print("",end=" ")
  for j in range(i+1):
    print(L[j],end =" ")
  print()
for i in range(len(L)):
  for k in range(i+1):
    print("",end=" ")
  for j in range(i,len(L)):
    print(L[j],end =" ")
  print()
```

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

```python
L=["A","B","C","D","E"]
for i in range(len(L)):
  for k in range(i,len(L)):
    print("",end=" ")
  for j in range(i+1):
    print(L[i],end =" ")
  print()
for i in range(len(L)):
  for k in range(i+1):
    print("",end=" ")
  for j in range(i,len(L)):
    print(L[-i],end =" ")
  print()
```

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

```
            D D D
             C C
              B
```

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

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

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

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

▾ With the help of ASC Code

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

```
        A
        AB
        ABC
        ABCD
        ABCDE
```

```
for i in range(65,70):
  for j in range(i,70):
    print(chr(j),end="")
  print()
```

```
        ABCDE
        BCDE
        CDE
        DE
        E
```

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

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

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

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

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

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

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

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

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

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

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