

```
n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        print(j,end="")
    print()
```

```
enter the number of rows: 6
1
12
123
1234
12345
123456
```

```
n = int(input("enter the number of rows: "))
c=1
for i in range(1,n+1):
    for j in range(1,i+1):
        print(c,end="")
        c=c+1
    print()
```

```
enter the number of rows: 6
1
23
456
78910
1112131415
161718192021
```

```
n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range(1,i+1):
        print("* ",end="")
    print()
```

```
enter the number of rows: 5
*
* *
* * *
* * * *
* * * * *
```

```
n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        print("*",end="")
    print()
```

```
enter the number of rows: 6
*
**
***
****
*****
*****
```

```
n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        print("*",end="")
    print()
for i in range(n-1,0,-1):
    for j in range(1,i+1):
        print("*",end="")
    print()
```

```
enter the number of rows: 4
*
**
```

```

***
****
***
**
*

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        print("%c"%(64+j),end="")
    print()

```

```

enter the number of rows: 6
A
AB
ABC
ABCD
ABCDE
ABCDEF

```

```

n = int(input("enter the number of rows: "))
for i in range(n,0,-1):
    for j in range(1,i+1):
        print("%c"%(64+j),end="")
    print( )

```

```

enter the number of rows: 6
ABCDEF
ABCDE
ABCD
ABC
AB
A

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        print("%c"%(64+i),end="")
    print()

```

```

enter the number of rows: 4
A
BB
CCC
DDDD

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,n+1):
        print("*",end="")
    print()

```

```

enter the number of rows: 5
*****
*****
*****
*****
*****

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,n+1):
        if i==1 or i==n or j==1 or j==n:
            print("*",end="")
        else:
            print(" ",end="")
    print()

```

```

enter the number of rows: 5
*****
*   *
*   *
*   *
*****

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for j in range(1,i+1):
        if i==1 or i==n or j==1 or j==i:
            print("*",end="")
        else:
            print(" ",end="")
    print()

```

```

enter the number of rows: 5
*
**
* *
* *
*****

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range(1,2*i):
        if i==1 or i==n or star==1 or star==2*i-1:
            print("*",end="")
        else:
            print(" ",end="")
    print()

```

```

enter the number of rows: 7
      *
     * *
    *  *
   *   *
  *    *
 *     *
*****

```

```

n = int(input("enter the number of rows: "))
for i in range(n,0,-1):
    for space in range(1,n-i+1):
        print(".",end="")
    for star in range(1,2*i):
        if i==1 or i==n or star==1 or star==2*i-1:
            print("*",end="")
        else:
            print(".",end="")
    print()

```

```

enter the number of rows: 7
*****
*
*      *
*      *
*      *
*  *
* *
*

```

```

n = int(input("enter the number of rows: "))
for i in range(1,n+1):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range(1,2*i):
        if i==1 or star==1 or star==2*i-1:
            print("*",end="")
        else:
            print(" ",end="")
    print()
for i in range(n-1,0,-1):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range(1,2*i):
        if i==1 or star==1 or star==2*i-1:

```

[illegible]

```

      *
     * *
    *   *
   *     *
  *       *
 *         *

```

```

n=int(input("enter the number of lines: "))
for i in range(n-1,0,-1):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range((2*i-1),0,-1):
        if star==2*i-1 or star==1:
            print("*",end="")
        else:
            print(" ",end="")
    print()
for i in range(1,n):
    for space in range(1,n-i+1):
        print(" ",end="")
    for star in range(2*i-1):
        if star==0 or star==2*i-2:
            print("*",end="")
        else:
            print(" ",end="")
    print()

```

enter the number of lines: 6

```

      *       *
     *       *
    *       *
   *       *
  *       *
 *       *

```