```
In [2]: n=5
        for i in range(n):
            for j in range(n):
                print('*',end=" ")
            print()
In [3]: n=5
        for i in range(n):
            for j in range(i+1):
                print('*',end=" ")
            print()
In [4]: | n=5
        for i in range(n):
            for j in range(i,n):
                print('*',end=" ")
            print()
In [7]: | n=5
        for i in range(n):
            for j in range(i+1):
                print(' ',end=" ")
            for j in range(i,n):
                print('*',end=" ")
            print()
```

```
In [9]: n=5
         for i in range(n):
             for j in range(i,n):
                 print(' ',end=" ")
             for j in range(i+1):
                 print('*',end=" ")
             print()
In [10]: n=5
         for i in range(n):
             for j in range(i+1):
                 print('',end=" ")
             for j in range(i,n):
                 print('*',end=" ")
             print()
In [18]: n=5
         for i in range(n):
             for j in range(i,n):
                 print('',end=" ")
             for j in range(i+1):
                 print('*',end=" ")
             print()
```

```
In [22]: n=5
         for i in range(n):
              for j in range(i,n):
                  print('',end=" ")
              for j in range(i+1):
                  print('*',end=" ")
              print()
         for i in range(n):
              for j in range(i+1):
                  print('',end=" ")
              for j in range(i,n):
                  print('*',end=" ")
              print()
In [30]: | n=7
         stars=1
         for line in range(n):
              for st in range(stars):
                  print('*',end=' ')
              print()
              if line<n//2:</pre>
                  stars+=1
              else:
                  stars-=1
```

```
In [32]: n=7
         stars=1
         spaces=n//2
         for line in range(n):
             for sp in range(spaces):
                  print(' ',end=" ")
             for st in range(stars):
                  print('*',end=" ")
             print()
             if line<n//2:</pre>
                  spaces-=1
                  stars+=1
             else:
                  spaces+=1
                  stars-=1
In [41]: n=5
         for line in range(1,n+1):
             for col in range(n):
                  print(line,end=" ")
             print()
         1 1 1 1 1
         2 2 2 2 2
         3 3 3 3 3
         4 4 4 4 4
         5 5 5 5 5
In [43]: n=5
         for i in range(1,n+1):
             for j in range(n):
                  print(i,end=" ")
              print()
         1 1 1 1 1
         2 2 2 2 2
         3 3 3 3 3
         4 4 4 4 4
         5 5 5 5 5
```

```
In [45]: n=5
         for i in range(n,0,-1):
             for j in range(n):
                  print(i,end=" ")
              print()
         5 5 5 5 5
         4 4 4 4 4
         3 3 3 3 3
         2 2 2 2 2
         1 1 1 1 1
In [48]: n=5
         for i in range(1,n+1):
             for j in range(i):
                  print(i,end=" ")
              print()
         1
         2 2
         3 3 3
         4 4 4 4
         5 5 5 5 5
In [53]: n=5
         for i in range(n,0,-1):
             for j in range(i):
                  print(i,end=" ")
              print()
         5 5 5 5 5
         4 4 4 4
         3 3 3
         2 2
         1
In [54]: for i in range(n,0,-1):
             for j in range(n-i+1):
                  print(i,end=" ")
              print()
         5
         4 4
         3 3 3
         2 2 2 2
         1 1 1 1 1
```