

22-09-2025

#write a program to display this graph

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

```
for i in range(0,5,1):
    for j in range(5
```

```
[14]: for i in range(1,6,1):
        for j in range(1,6,1):
            if(i==1 or i==5 or j==1 or j==5):
                print("*",end=" ")
            else:
                print("",end=" ")
        print()
```

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

[]:

```
* #i=1 ,j=----(space 4 space,k=*)
* * #i=2 (second row),j= ---space 3,k=*(no of stars) #stars are decreasing so
* * *
* * * *
```



Search




```
14]: for i in range(1,6,1):
      for j in range(1,6,1):
          if(i==1 or i==5 or j==1 or j==5):
              print("*",end=" ")
          else:
              print("",end=" ")
      print()
```

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

```
[ ]: * #i=1 ,j=----(space 4 space,k=*)
      * * #i=2 (second row),j= ---space 3,k=**(no of stars) #stars are decreasing so decremting the the k value
      * * *
      * * * *
      * * * * *
```

```
[9]: for i in range(1,6,1):
      for j in range (5,i,-1): # -1 coz the stars are decreasing and hence decerementing value
          print("-",end=" ")
      for k in range(1,i+1,1):
          print("*",end=" ")
      print()
```

```
-----*
-----* *
--* * *
-* * * *
```



Search



X

Basic

X

functions

X

amsaveniammu98-cmyk/Pytho

+

http://localhost:8888/notebooks/OneDrive/Desktop/MLP batch/Basic.ipynb

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[]: programme to print the below diagram

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

```
[16]: for i in range(1,6,1): #to print this needs lot of calculation so we can divide this into 2 triangle,1 r
      for j in range(1,i+1,1):
          print("*",end="")
      print() #upto here programme to write upper triangle
      for x in range(1,5,1):#programme to write below decreasing triangle
          for y in range (5,x,-1):#-1 coz here stars are decreasing
              print("*",end="")
          print()
```

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

```
[ ]: *      *
    **    **
   ***   ***
```



Search




```

**      **
***     ***
****    ****
*****   ***** # dividing the figure into or better uderstandig
*****   *****
***      ***
**       **
*        *

```

```

[21]: for i in range(1,6,1): #programe for first half diagram
      print(" "*i,end="")
      print("  *(2*(5-i)),end="")
      print(" "*i,end="")
      print()

```

```

for j in range(4,0,-1):
    print(""*j,end="")
    print("  *(2*(5-j)),end="")
    print(""*j,end="")
    print()

```

```

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

```

```

[ ]: #write a programme to display this diagram

```



```
print()
```

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

```
[ ]: #write a programme to display this diagram
```

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

```
[25]: for i in range(1,6,1):
      for j in range(1,10,1):
        print()
```