



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 #square pattern
2 r=5
3 for i in range(r):
4     print("*" * r)
5
```



main.py

Output



```
1 #inverted right -Angled triangle
2 r=5
3 for i in range(r,0,-1):
4     print("*" * i)
5
```



main.py

Output



```
1 #floyds's triangle
2 r=5
3 n=1
4 for i in range(1,r+1):
5     for j in range(1,i+1):
6         print(n,end=" ")
7         n+=1
8     print()
9
```

main.py

Output



```
1 s=input()  
2 if s.lower()==s.lower()[::-1]:  
3     print("palindrome string")  
4 else:  
5     print("not palindrome string")
```