## #Task 1

Regestration/Referral ID:DIRSS1106

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## Code in Python to print the given Numaric pattern.

1.

```
row = int(input("Enter row:"))

for i in range(row+1,0,-1):
    for j in range(0,i-1):
        print("5", end=" ")

    print(" ")

Enter row:5
```

55555

5555

555

5 5

5

```
row = int(input("Enter row:"))

for i in range(row+1,0,-1):
    for j in range(0,i-1):
        print(j, end=" ")

    print(" ")
```

```
Enter row:5
01234
0123
012
01
0
3.
row = int(input("Enter row:"))
Enter row:5
1
21
321
4321
54321
4.
row = int(input("Enter row:"))
```

```
i=i+1
  print(" ")
Enter row:5

1
33
555
7777
99999
```

5.

```
row = int(input("Enter row:"))
start=1
stop=2
current_num=stop
for i in range(2,6):
    for j in range(start,stop):
        current_num==1
        print(current_num, end=" ")

print(" ")
start=stop
stop+=i
current_num=stop
```

Enter row:4

1

3 2

654

10987

6.

def print pascal traingle(size):

```
print pascal traingle(rows)
1
11
121
1331
14641
15101051
1615201561
```

```
row=int(input("Enter row:"))
for i in range(1,row+1):
    for j in range(1,row+1):
        if j<=i:</pre>
```

```
Enter row:5
12345
22345
33345
44445
55555
8.
Enter row:9
1
24
369
481216
5 10 15 20 25
6 12 18 24 30 36
7 14 21 28 35 42 49
8 16 24 32 40 48 56 64
```

## #Code in Python to print the given Star pattern.

9.

```
row=int(input("Enter row:"))
k=row-2
for i in range(row,-1,-1):
    for j in range(k,0,-1):
        print(end=" ")
    k=k+1
    for j in range(0,i+1):
        print("*",end="")
    print()
```

Enter row:5

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```
row=int(input("Enter row:"))
m=(2*row)-2
for i in range(0,row):
    for j in range(0,m):
        print(end=" ")
    m=m-1
    for j in range(0,i+1):
        print("* ",end="")
    print("")
```

## \* \* \* \* \* \*\* \*\*\*

```
row=int(input("Enter row:"))
for i in range(0,row):
    for j in range(0,i+1):
        print("*",end=" ")
    print(" ")

print(" ")

for i in range(row+1,0,-1):
    for j in range(0, i - 1):
        print("* ",end=' ')
    print("")
```

# 

```
row=int(input("Enter row:"))
for i in range(0,row):
    for j in range(0,i+1):
        print("*",end=" ")
    print("\r")
for i in range(row,0,-1):
    for j in range(0, i - 1):
        print("*",end=' ')
    print("\r")
```

```
Enter row:5
*
* * *
* * *
* * *
* * * *
* * *
* * *
* * *
* * *
```

```
row=int(input("Enter row:"))
i=1
while i <= row:
    j=i
    while j<row:
        print(' ',end=' ')
        j+=1
    k = 1
    while k<=i:
        print('*',end=' ')
        k+=1
    print()
    i+=1

i=row
while i>=1:
    j=i
    while j<=row:
        print(' ',end=' ')
    j += 1</pre>
```

```
k=1
while k<i:
    print('*',end=' ')
    k+=1
print('')
i-=1</pre>
```

Enter row:5

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```
row=int(input("Enter row:"))
k=row-2
for i in range(row,-1,-1):
    for j in range(k,0,-1):
        print(end=" ")
    k=k+1
    for j in range(0,i+1):
        print("*",end="")
    print()

k=2*row-2
for i in range(0,row+1):
    for j in range(0,k):
        print(end=" ")
    k=k-1
    for j in range(0,i+1):
```

## print("\*",end="") print()

## Enter row:5

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```
row=int(input("Enter row:"))
print("*"*row,end="\n")
i=(row//2)-1
j=2
while i !=0:
    while j<=(row-2):
        print("*"* i, end="")
        print("_" * j, end="")
        print("*" * i, end="")
        i=i-1
        j=j+2</pre>
```

Enter row:14