**Python Pattern Programs**

Size (how many rows want in the pattern)

Input from user ( n = int(input(no of rows: )) | def pattern(n) :

1)n = 5

print("\*" \* n)

2) for loop

n = 5

for i in range(n):

print('\*', end=' ')

3)square pattern

n = 5

for i in range(n):

for j in range(n):

print('\*', end=' ')

print()

4) Increasing triangle

n = 5

for i in range(n):

for j in range(i+1):

print('\*', end=' ')

print()

5)Decreasing triangle

n = 5

for i in range(n):

for j in range(i, n):

print('\*', end=' ')

print()

6)Right sided triangle

n = 5

for i in range(n):

for j in range(i, n):

print(‘ ‘, end = ‘ ‘)

for j in range (i+1):

print(“\*”, end = ‘ ‘)

print()

7)Hollow Square Pattern

n = 5

for i in range(n):

for j in range(n):

if i == 0 or i == n - 1 or j == 0 or j == n - 1:

print('\*', end=' ')

else:

print(' ', end=' ')

print()

8)Pyramid Pattern

n = 5

for i in range(n):

for j in range(n - i - 1):

print(' ', end=' ')

for j in range(2 \* i + 1):

print('\*', end=' ')

print()