PIRAMIDES

| Function to demonstrate printing pattern  def pypart(n):    # outer loop to handle number of rows  # n in this case  for i in range(0, n):    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # printing stars  print("\* ",end="")    # ending line after each row  print("\r")    # Driver Code  n = 5  pypart(n) |
| --- |

**Output**

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\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

| Function to demonstrate printing pattern  def pypart(n):  myList = []  for i in range(1,n+1):  myList.append("\*"\*i)  print("\n".join(myList))    # Driver Code  n = 5  pypart(n) |
| --- |

**Output**

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| # Function to demonstrate printing pattern  def pypart2(n):    # number of spaces  k = 2\*n - 2    # outer loop to handle number of rows  for i in range(0, n):    # inner loop to handle number spaces  # values changing acc. to requirement  for j in range(0, k):  print(end=" ")    # decrementing k after each loop  k = k - 2    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # printing stars  print("\* ", end="")    # ending line after each row  print("\r")    # Driver Code  n = 5  pypart2(n) |
| --- |

**Output**

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| # Function to demonstrate printing pattern triangle  def triangle(n):    # number of spaces  k = n - 1    # outer loop to handle number of rows  for i in range(0, n):    # inner loop to handle number spaces  # values changing acc. to requirement  for j in range(0, k):  print(end=" ")    # decrementing k after each loop  k = k - 1    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # printing stars  print("\* ", end="")    # ending line after each row  print("\r")    # Driver Code  n = 5  triangle(n) |
| --- |

**Output**

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| # Function to demonstrate printing pattern of numbers  def numpat(n):    # initialising starting number  num = 1    # outer loop to handle number of rows  for i in range(0, n):    # re assigning num  num = 1    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # printing number  print(num, end=" ")    # incrementing number at each column  num = num + 1    # ending line after each row  print("\r")    # Driver code  n = 5  numpat(n) |
| --- |

**Output**

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

| # Function to demonstrate printing pattern of alphabets  def alphapat(n):    # initializing value corresponding to 'A'  # ASCII value  num = 65    # outer loop to handle number of rows  # 5 in this case  for i in range(0, n):    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # explicitely converting to char  ch = chr(num)    # printing char value  print(ch, end=" ")    # incrementing number  num = num + 1    # ending line after each row  print("\r")    # Driver Code  n = 5  alphapat(n) |
| --- |

**Output**

A

B B

C C C

D D D D

E E E E E

| # Function to demonstrate printing pattern of numbers  def contnum(n):    # initializing starting number  num = 1    # outer loop to handle number of rows  for i in range(0, n):    # not re assigning num  # num = 1    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # printing number  print(num, end=" ")    # incrementing number at each column  num = num + 1    # ending line after each row  print("\r")    n = 5    # sending 5 as argument  # calling Function  contnum(n) |
| --- |

**Output**

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

| # Function to demonstrate printing pattern of alphabets  def contalpha(n):    # initializing value corresponding to 'A'  # ASCII value  num = 65    # outer loop to handle number of rows  - for i in range(0, n):    # inner loop to handle number of columns  # values changing acc. to outer loop  for j in range(0, i+1):    # explicitely converting to char  ch = chr(num)    # printing char value  print(ch, end=" ")    # incrementing at each column  num = num +1      # ending line after each row  print("\r")    # Driver code  n = 5  contalpha(n) |
| --- |

* Output:

A

B C

D E F

G H I J

K L M N O

*#Bucle piramide descendente de A’s.*

*for i in range(1,10):*

*print("Tabla del: ",i)*

*for j in range (1,11):*

*print(i," x ",j,"=",i\*j)*

*n1=int(input("Introduce un numero: "))*

*for i in range(n1):*

*print("a "\*(i+1), end=" ")*

*print()*

*'''*

*OUTPUT:*

*a*

*a a*

*a a a*

*a a a a*

*#Bucle piramide descendente de numeros.*

n1=int(input("Introduce un numero: "))

for i in range (1,n1+1):

for j in range(i):

print(i, end=" ")

print()

OUTPUT:

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

*#Bucle piramide descendente de numeros.*











