**1.Python Program for Tower of Hanoi**

def TowerOfHanoi(n , source, destination, auxilliary):

if n==1:

print("Move disk 1 from source",source,"to destination",destination)

return

TowerOfHanoi(n-1, source, auxilliary, destination)

print("Move disk",n,"from source",source,"to destination",destination)

TowerOfHanoi(n-1, auxilliary, destination, source)

n = int(input('Enter no of disks:'))

TowerOfHanoi(n,'A','B','C')

**Output:**

