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')