#Name: Janhavi Kumbhar

#Roll No: TI24

#Tower of Hanoi

def TOH(numbers, start, aux, end):  
 if numbers==1:  
 print("Move Disk1 from rod{} to rod{}".format(start, end))  
 return  
 TOH(numbers-1,start,end,aux)  
 print("Move Disk{} from rod{} to rod{}".format(numbers, start, end))  
 TOH(numbers-1, aux, start,end)  
  
disc = 3  
TOH(disc,"a","b","c")

#OUTPUT

C:\Users\Admin\PycharmProjects\pythonProject2\venv\Scripts\python.exe C:\Users\Admin\PycharmProjects\pythonProject2\toh.py

Move Disk1 from roda to rodc

Move Disk2 from roda to rodb

Move Disk1 from rodc to rodb

Move Disk3 from roda to rodc

Move Disk1 from rodb to roda

Move Disk2 from rodb to rodc

Move Disk1 from roda to rodc

Process finished with exit code 0