def ToH(n,s,d,a):

if n == 1:

print(f"Move disk 1 from tower {s} to tower {d}.")

return

ToH(n-1,s,a,d)

print(f"Move disk {n} from tower {s} to tower {d}.")

ToH(n-1,a,d,s)

n = int(input("Enter number of disks: "))

ToH(n,"A","C","B")