

# Hanoi tower

```
def hanoi(n,frompole,withpole,topole):  
    if n==1 :  
        movedisk(frompole,topole)  
    else:  
        hanoi(n-1,frompole,topole,withpole)  
        movedisk(frompole,topole)  
        hanoi(n-1,withpole,frompole,topole)  
  
def movedisk(fp,tp):  
    print("moving disk from",fp,"to",tp)  
  
hanoi(10,"A","B","C")
```