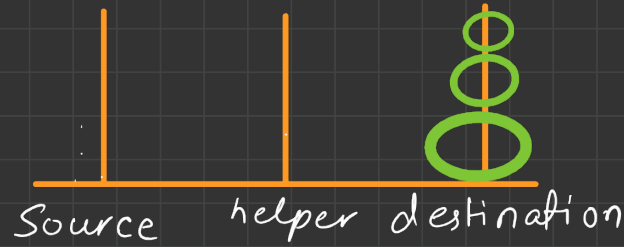
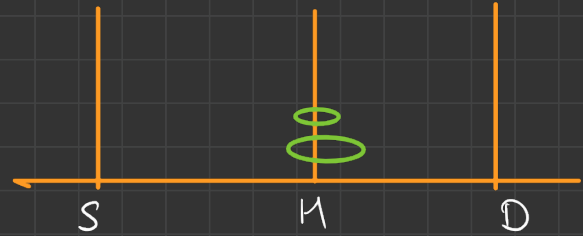


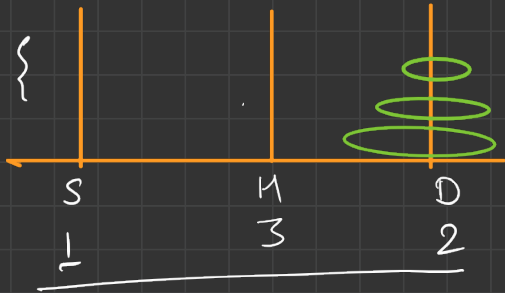
Tower of Hanoi



n disk

- ① 1 baar mein ek hi disk ko move kar sakte hain
- ② Chhoti disk ko upper badi disk ko nahi rakh sakte





$2^3 - 1 = 7$
 $n = 3$
 $step = 2$
 $2^4 - 1 = 15$
 $n = 4$
 $step = 3$
 $T.C = 2^n - 1$

Toh (int n, int src, int help, int dest)
 {
 ↓ if (n == 1) {
 cout << "move disk" << n << " from " <<
 src << " to " << dest;
 return;
 }
 2. Toh (n-1, src, dest, help)
 3. cout << "move disk" << n << " from " <<
 src << " to " << dest;
 4. Toh (n-1, help, src, dest)
 }

