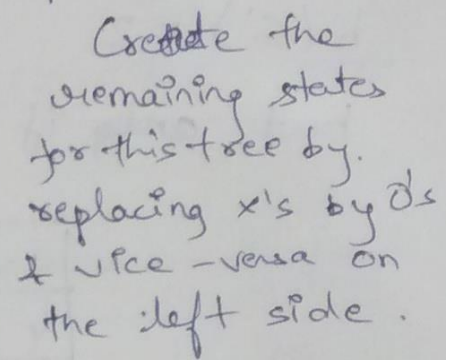


→ start state



- ↳ Goal states.

2. h is not admissible as can be seen by the following example:-

1	2	3
4	5	
7	8	6

S'

$$h(S') = 2$$

but ~~only~~ if I move 6 tile upwards.

1	2	3
4	5	6
7	8	

G

Goal state is reached.

$\therefore h$ overestimated the cost of reaching the goal state

$\therefore h$ is not admissible.