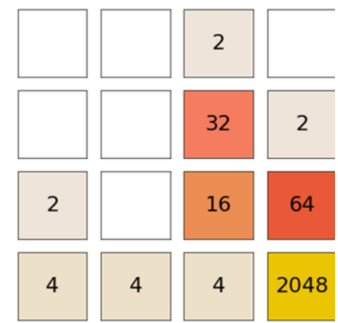
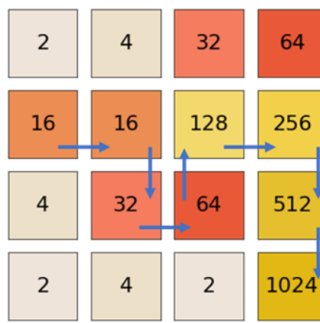


Initial State



Final State

- ❖ **States:** 2 tiles.
- ❖ **Initial State:** any random arrangement of 2 tiles both have a random value between (2,4).
- ❖ **Successor function:** make a move **left, right, up, down** to combine 2 tiles with the same number to get their sum.
- ❖ **Goal test:** reach a tile of the number 2048.
- ❖ **Path cost:** 3 per move.