

## QUESTION

Example  
Problem



Node	Weight	Color
1	1	White
2	1	White
3	1	White
4	1	White

Initial state: all nodes are white.

## QUESTION

1. Initial state: all nodes are white.



## QUESTION

2. Node 1 is gray, Node 2 is white.

3. Node 1 is gray, Node 2 is white, Node 3 is white.

4. Node 1 is gray, Node 2 is white, Node 3 is white, Node 4 is white.

5. Node 1 is gray, Node 2 is white, Node 3 is white, Node 4 is white.

6. Node 1 is gray, Node 2 is white, Node 3 is white, Node 4 is white.

7. Node 1 is gray, Node 2 is white, Node 3 is white, Node 4 is white.

8. Node 1 is gray, Node 2 is white, Node 3 is white, Node 4 is white.