

QUESTION #7

---

COUSINS OF A GIVEN NODE

Print cousins of a given node in binary tree.

---

TREES

## Solution

---

1. Let  $n$ =node for which cousins has to be found.
2. Find the level and parent of all the nodes in the given binary tree and store them in a map/dictionary.
3. Let  $l$ = level of  $n$ .
4. If mapped parent of node  $\neq$  parent of  $n$  and level of node =  $l$ , print the node.

---

NERVING INTO  
DATA STRUCTURES