Populate Next Right : Pointer In each Node,

① -- NULL   prev = NULL

                                     Use Queue

② → ③ → NULL | 1 | 2 | 2 | 3 | N | 4 | 5 | 6 | 7 | N |

④→⑤ → 6 → 7 -- NULL

                                     if (prev != NULL)
Pseudocode   prev→next = curr
                                           prev = curr
Node* connect (Node* root)   → if (root == NULL || root→left ==
queue < Node> q;   NULL)
q.push (root)
q.push (NULL)   return root
Node* prev = NULL   }
while (q.size()>0) {
Node* curr = q.front()
      q.pop()
   if (curr == NULL)
       {
       }
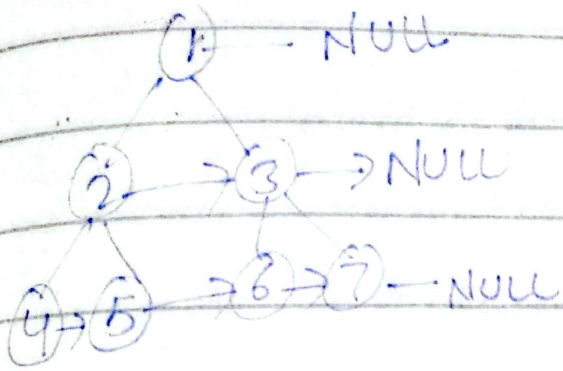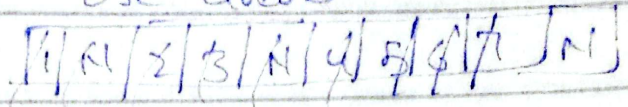
   else {
   if (curr→left != NULL)
   q.push (curr →right)
   if (prev != NULL)
      prev→next = curr
          } }

      prev = curr;