**Flatten Binary Tree to Linked List**

TreeNode<int> \*flattenBinaryTree(TreeNode<int> \*root)

{

    // Write your code here.

  TreeNode<int> \* cur=root;

  TreeNode<int> \* Root=NULL;

  TreeNode<int> \* Temp=new  TreeNode<int>(0) ;

  Root=Temp;

  while(cur!=NULL)

  {

      if(cur->left==NULL)

      {

          Temp->right=new TreeNode<int> (cur->data);

          Temp=Temp->right;

          cur=cur->right;

      }

      else

      {

          TreeNode<int> \*temp=cur->left;

          while(temp->right!=NULL && temp->right!=cur)

          {

                temp=temp->right;

          }

          if(temp->right == cur)

          {

              temp->right=NULL;

              cur=cur->right;

          }

          else

          {

              Temp->right=new  TreeNode<int>(cur->data);

              Temp=Temp->right;

              temp->right=cur;

              cur=cur->left;

          }

      }

  }

    return Root->right;

}