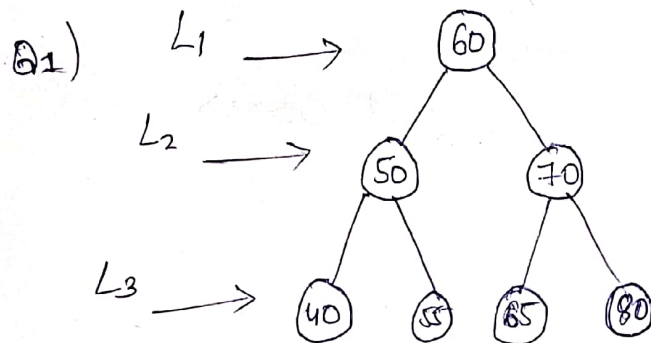2) given a Binary Tree (BST)
print the first element In every
Level ~~element~~ in every Level of a
BST. (ie) By using Level order
Traversal.

Q1) $L_1 \longrightarrow$ (60)

$L_2 \longrightarrow$ (50)   (70)

$L_3 \longrightarrow$ (40) (55) (65) (80)

① Input:-
   ① It is a root of the Tree

② ②-Output:
   ② List of Nodes at every Level.

   $[60, 50, 40] \rightarrow$ sample output

┌─────────────┐ ┌──────────────┐
│ EdgeCases:- │ │ Test case - 1: │
└─────────────┘ └──────────────┘
                                          $\leftarrow$ root as
     1)   root $\rightarrow$ [ ]   Input
                     ↓
                  [ ] $\leftarrow$ output

┌──────────────┐
│ Test-Case -2:- │
└──────────────┘
                                    ┌──────────────┐
                                    │   (1)   │
     2) root — [1] $\leftarrow$ Input │ None   None │
                                    └──────────────┘
           $\hookrightarrow$ [1] $\leftarrow$ output

Test-Case-3 :-

L₁ ——→ (60)

L₂ ——→ (50)   (70)

L₃ ——→ (80)
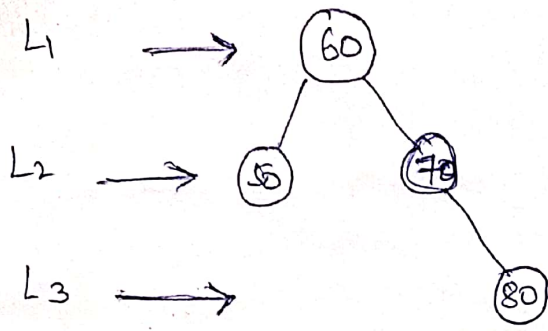
Input:→ [50, 60, 70, 80]

Output: [60, 50, 80]
         L₁   L₂   L₃

Test-Case-4 :-

L₁ ——→ (60)

L₂ ——→ (50)   (70)

L₃ ——→ (40)   (65)   (80)

L₄ ——→ (30)
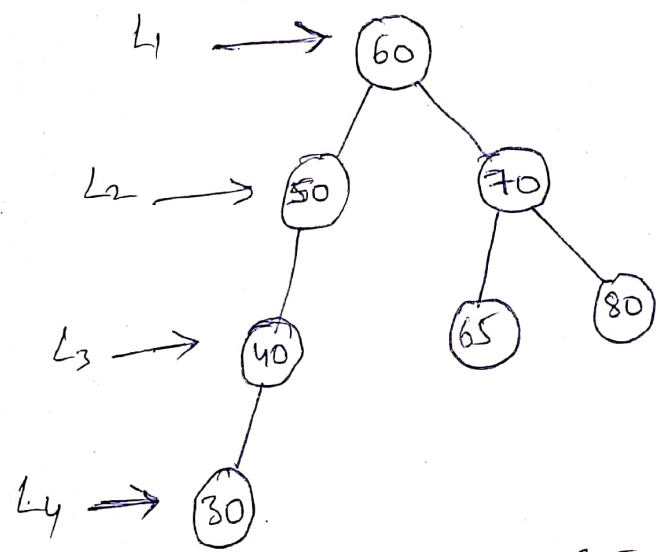
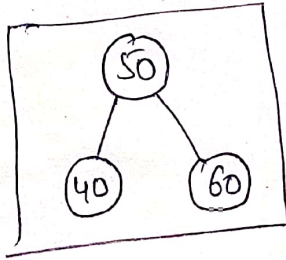Input: [30, 40, 50, 60, 65, 75, 80]

output:- [60, 50, 40, 30]
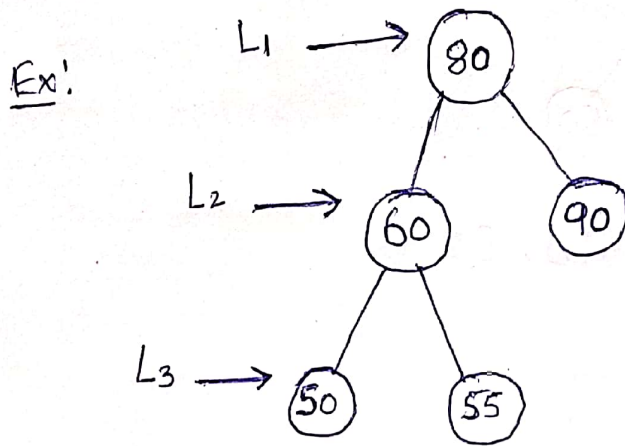   L₁   L₂   L₃   L₄

Test-Case-5 :-

(50)
(40)   (60)

Input:- [40, 50, 60]

output: [50, 40]
         L₁   L₂

Introduction To Question

Assume There is a students
Data stored In the form a BST.

Ex!

$L_1 \longrightarrow$ 80

$L_2 \longrightarrow$ 60   90

$L_3 \longrightarrow$ 50   55

✳ And They are classified Biased on
their performance In their exams
Now the professor Wants To print
the ~~students~~ first student of every
Level, And make sure that they
are the first Node of every
level And return them."

1) Other Intution:- (And Addition To the Question)
                        (or) (Extra Information;)

या

① Assume there are many
employees In an organization
Level by Level.

② Now print every first (Node)
   of a level   ↓
                              (employee)

L₁ - 1 st Person
L₂ - 1 st Person
        |
        |
        |
      So on