![Diagram

Description automatically generated]()

This is how vertical transversal works.

Now how to solve it.

![A picture containing diagram

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Solve using x and y axis.

![Diagram, schematic

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Here transversal x ascending and y ascending order both.

Here we need to assign x and y axis to every node. When we transverse every nodes.

Here multiset will be used.

<https://www.geeksforgeeks.org/multiset-in-cpp-stl/>

![Graphical user interface, text

Description automatically generated]() use level order transversal use queue.

Use map too.

Map<int->this int for vertical.

Map<int,map->this map for every level,

Also need multiple nodes in sorted order hence use multiset.

![Text

Description automatically generated]()

![A picture containing graphical user interface

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![A picture containing map

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Description automatically generated]()

Node 2 is done.

![Text

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Node 3 is done.

![Text, schematic

Description automatically generated]()

How it works,

Graphical user interface, text, application

Description automatically generated