![A picture containing graphical user interface

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This is the question.

We must insert 60 here.

![Shape, arrow

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We can insert anywhere but the condition given is level order.

![A picture containing diagram

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Here level 1 and 2 is full hence only right way to fill given above.

![Text

Description automatically generated]()

Put value in queue

Here in else if right== null

Then make n->right=nn(nn is new node)

Return.

If above both fail then

![Text

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Now queue will have 20 and 30

Text

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This will run again.

Now for 20 it will check again but it is also filled .now pop 20

Check for 30 here node->left is empty hence fill 60 in