![A picture containing text, device

Description automatically generated]()

Also watch that given linked list is sorted.

Brute force will be:

Just use 2 loop and iterate over it.

Efficient:

Use HashMap:

Take 1 first do->7-1. find in map no just push it in HashMap.

Take 2->7-2. find in HashMap->nope insert it.

4->7-4. find in HashMap->nope insert it

5->7-5. find this exist->yes insert it.

Do for all other same way.

Here time and space->O(n) and space also O(n)

Optimal:

![Text

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It is just like two pointer approach.