![Graphical user interface, text, application, email

Description automatically generated]()

Problem statement:



This is the list given: beginword:hit and endword:cog

The question is to convert the start string to the end string how much transformation needed to convert hit to cog.

![A picture containing text, blackboard, clipart

Description automatically generated]()

Here see 2 possibility that can happen we need to find min transformation needed.

![Text

Description automatically generated]()

Here we explain code and logic parallel. We need a queue, or we can say BFS. here we need set to put the string together in a set.in queue first element is hit. ![A picture containing text, clipart, blackboard

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Here hit will be converted to ait bit ……to zit for each letter.