![Graphical user interface, text, application

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Consider this example: this can be formed as take a and bcd or ab and cd.

Text

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This cannot be formed.

Here dp will be used.

![Text

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See the logic here is that first take a character from abcd and find a in b array

If found do the same logic for bcd and if not take ab and find this in the the b array.

![Diagram

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See the same logic been applied above.

![Text

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See here the same logic been applied.

![Text

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![A picture containing text, device, meter

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All the character checked and hence no word left and hence return 1.



Remember substring is from 0,I means take I element starting from 0.



Putting in map string without int value automatically set it to 0.

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

dp[s]=1 and dp[s]=-1 from consider in array :I,is,king.

And word is isking.for I it will find and will send in solve sking.it will now check for sking check for s,sk,ski,skin,sking nonw founde hence dp[sking]=-1 meaning not found.hence it will go back to isking and run loop again with (is) this time is found and then send king in solve .this found dp[king]=1 .hence this dp[s] means the word possible to be found in the the array of not.dp[isking] tell us if possible or not.