

## 127. Word Ladder

beginWord : str "hit"

endWord : str "cog"

WordList : List[str] ["hot", "dot", "dog", "lot",  
"log", "cog"]

every word should differ a single letter

hit → hot → dot → dog → cog



5 words long

if end word is not in the list

Return 0;

Edge Cases

1) WordList is Empty

2) Endword = beginword

3) WordList[i].length = beginword

26 possible letter in alphabet

25 available ←

beginWord.toCharArray

WordList[i].toCharArray <sup>first differ</sup> 1

change to beginWord to which  
have differ 1

Continue until beginword == endword

if not and end of the list

we return 0;

if = return 1;