

word is n letters long. $n=5 \rightarrow 5! = 120$ possible combinations
(or permutations)

[E, L, H, V, A]

1	2	3	4	5
E	L	H	A	V

E	L	A	V	H
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E	L	A	H	V
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E	L	V	A	H
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E	L	V	H	A
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H	A	L	V	E
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...

come up with 120 letter combinations, then
cross-reference them with a word bank and only keep real
words. (Inefficient if word is long)

Alternative: Start with word bank and filter out words that do not contain each letter. (Inefficient if word bank is large)

Step 1: Get a word bank that contains all english words.

Step 2: Make/Find an algorithm that will permute all possible words from jumbled string.

Step 3: Check if each word permuted is in the word bank.

Step 4: Print out the word(s) that is/are in the word bank.