

# [In Class] Lesson 12 (11/8)

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## Scrabble Helper

Write a method called `findWords` that takes a list of characters `letters` and a set of strings `dict` and finds all words in `dict` that can be created with the characters in `letters`, and reports those words along with their Scrabble scores. (You can use the provided `scoreWord` method to find scores.) Assume that all words in the dictionary are in all lower-case.

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## Scrabble Helper (v2)

Write a method called `findBestWord` that takes a list of characters `letters` and a set of strings `dict` and finds all words in `dict` that can be created with the characters in `letters`, and returns that word in `dict` that can be created from the characters in `letters` that has the highest Scrabble score. If multiple words have the highest score, return the shortest one. If multiple words have the highest score and shortest length, you may return any of those words. (You can use the provided `scoreWord` method to find scores.) Assume that all words in the dictionary are in all lower-case.