

Bird, Section 1.6, Exercise F**Exercise F**

My wife has a book with the title

EHT CDOORRSSW AAAGMNR ACDIINORTY.

It contains lists of entries like this:

```
6-letter words
-----
...
eginor: ignore,region
eginrr: ringer
eginrs: resign,signer,singer
...
```

Yes, it is an anagram dictionary. The letters of the anagrams are sorted and the results are stored in dictionary order. Associated with each anagram are the English words with the same letters. Describe how you would go about designing a function

```
anagrams :: Int -> [Word] -> String
```

so that `anagrams n` takes a list of English words in alphabetical order, extracts just the n -letter words and produces a string that, when displayed, gives a list of the anagram entries for the n -letter words. You are not expected to be able to define the various functions; just give suitable names and types and describe what each of them is supposed to do.