Please answer the following questions for Wednesday's class.

1. How does a generator support the notion of abstraction?

2. Write a generator, soRandom(lo, hi), that yields an infinite stream of random integers between lo and hi, inclusive.

3. (a) Write a generator, randWords(), that yields an infinite stream of words randomly selected from the dictionary, /usr/share/dict/words.
(b) Rewrite your code for `randWords()` so that it uses the `soRandom(lo,hi)` function (if it doesn't already):

4. Write a generator `reverse(s)` that yields the values from a finite iterable object, `s`, but in reverse order.

5. Write a generator `some(s,p=0.5)`, that yields some of the values of `s`. For each value encountered from `s` it flips a coin that has probability `p` of being heads. If the coin shows heads, `some` yields that value, otherwise, it doesn't. (Hint: The `random` module has a function, `random`, that returns a random value in the range `[0,1)`.)

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