Food Chain in Scala

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Food Chain

Write a program that generates the lyrics of the song 'I Know an Old Lady Who Swallowed a Fly'

Write a program that generates the lyrics to the song
"I know an old lady who swallowed a fly". While you could
copy/paste the lyrics, or read them from a file, this
problem is much more interesting if you approach it
algorithmically.

This is a cumulative song (http://en.wikipedia.org/wiki/Cumulative_song) of unknown origin.

This is one of many common variants.

```
 1  I know an old lady who swallowed a fly.
 2  I don't know why she swallowed the fly. Perhaps she'll die.
 3
 4  I know an old lady who swallowed a spider.
 5  It wriggled and jiggled and tickled inside her.
 6  She swallowed the spider to catch the fly.
 7  I don't know why she swallowed the fly. Perhaps she'll die.
 8
 9  I know an old lady who swallowed a bird.
10  How absurd to swallow a bird!
11  She swallowed the bird to catch the spider that wriggled and jiggled and tickl
12  She swallowed the spider to catch the fly.
13  I don't know why she swallowed the fly. Perhaps she'll die.
14
15  I know an old lady who swallowed a cat.
16  Imagine that, to swallow a cat!
17  She swallowed the cat to catch the bird.
18  She swallowed the bird to catch the spider that wriggled and jiggled and tickl
19  She swallowed the spider to catch the fly.
20  I don't know why she swallowed the fly. Perhaps she'll die.
21
22  I know an old lady who swallowed a dog.
23  What a hog, to swallow a dog!
24  She swallowed the dog to catch the cat.
25  She swallowed the cat to catch the bird.
26  She swallowed the bird to catch the spider that wriggled and jiggled and tickl
27  She swallowed the spider to catch the fly.
28  I don't know why she swallowed the fly. Perhaps she'll die.
29
30  I know an old lady who swallowed a goat.
31  Just opened her throat and swallowed a goat!
32  She swallowed the goat to catch the dog.
33  She swallowed the dog to catch the cat.
34  She swallowed the cat to catch the bird.
35  She swallowed the bird to catch the spider that wriggled and jiggled and tickl
36  She swallowed the spider to catch the fly.
37  I don't know why she swallowed the fly. Perhaps she'll die.
38
39  I know an old lady who swallowed a cow.
40  I don't know how she swallowed a cow!
41  She swallowed the cow to catch the goat.
42  She swallowed the goat to catch the dog.
43  She swallowed the dog to catch the cat.
44  She swallowed the cat to catch the bird.
45  She swallowed the bird to catch the spider that wriggled and jiggled and tickl
46  She swallowed the spider to catch the fly.
47  I don't know why she swallowed the fly. Perhaps she'll die.
48
49  I know an old lady who swallowed a horse.
50  She's dead, of course!
```

The Scala exercises assume an SBT project scheme. The exercise solution source should be placed within the exercise directory/src/main/scala. The exercise unit tests can be found within the exercise directory/src/test/scala.

To run the tests simply run the command `sbt test` in the exercise directory.

For more detailed info about the Scala track see the help page (http://help.exercism.io/getting-started-with-scala.html).

Source

Wikipedia view source (http://en.wikipedia.org/wiki/There_Was_an_Old_Lady_Who_Swallowed_a_Fly)

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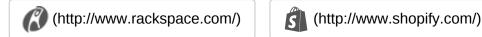 GitHub (https://github.com/exercism/exercism.io)   Twitter (https://twitter.com/exercism_io)

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