Nucleotide Count in Scala

Readme (readme) | Test Suite (../nucleotide-count)

Nucleotide Count

Given a DNA string, compute how many times each nucleotide occurs in the string.

DNA is represented by an alphabet of the following symbols: 'A', 'C', 'G', and 'T'.

Each symbol represents a nucleotide, which is a fancy name for the particular molecules that happen to make up a large part of DNA.

Shortest intro to biochemistry EVAR:

- twigs are to birds nests as
- nucleotides are to DNA and RNA as
- amino acids are to proteins as
- sugar is to starch as
- oh crap lipids

I'm not going to talk about lipids because they're crazy complex.

So back to nucleotides.

DNA contains four types of them: adenine (`A`), cytosine (`C`), guanine (`G`), and thymine (`T`).

RNA contains a slightly different set of nucleotides, but we don't care about that for now.

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

The Calculating DNA Nucleotides_problem at Rosalind view source (http://rosalind.info/problems/dna/)

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Beta

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