

Minimum Skew Problem

Input: A DNA string *Genome*.

Output: All integer(s) i minimizing $Skew_i(Genome)$ among all values of i (from 0 to $|Genome|$).

SAMPLE DATASET:

Input:

TAAAGACTGCCGAGAGGCCAACACGAGTGCTAGAACGAGGGGCGTAAACGCGGGTCCGAT

Output:

11 24

The sample dataset is not actually run on your code.

TEST DATASET 1:

Input:

ACCG

Output:

3

This dataset checks if your code's indexing is off. Specifically, it verifies that your code is not returning an index 1 too high (i.e. 4) or 1 too low (i.e. 2).

TEST DATASET 2:

Input:

ACCC

Output:

4

This dataset checks to see if your code is missing the last symbol of *Genome*.

TEST DATASET 3:

Input:

CCGGGT

Output:

2

This dataset makes sure you're not accidentally finding the maximum skew instead of the minimum skew.

TEST DATASET 4:

Input:

CCGGCCGG

Output:

2 6

First, this dataset checks if you are only finding 1 index (and not multiple indices). Then, it checks if you are using a delimiter to separate your indices (ideally a space character).