Borrowworks

Hamming Distance

The Hamming distance can be defined as the number of positional differences between two strings. It is expressed as *dh*(s1, s2). For example given

s1 = GAC

s2 = GAG

dh(s1, s2)=1

Objectives

- Write a program to compute the Hamming distance.
- Model the solution with 1 or more classes.
- Computing the Hamming distance should require instantiating a class.
- Write code that represents your style and preferred best practices.
- 1 hour time limit. We are not looking for robust code that captures all conditions. An incomplete solution that clearly showcases clean design is preferred over a working 2 line solution.

Input: GAGCCTACTAACGGGAT

GAGCCTGCTAACAGGATT

Output: 3