

8593 - LAB 02

Instructions

1. Access the auto-grader at <https://c200.luddy.indiana.edu>
2. Please write the code for the problems in python language
3. The code should be readable with variables named meaningfully
4. Plagiarism is unacceptable and we have ways to find it, so do not do it
5. Don't change the function signature (name of the function and number and types of arguments) provided in this file.
6. Once you pass all the tests on the auto grader, show your work to the teaching assistant

Problem

Question

Given two strings `s1` and `s2` and an integer `num_rotations`, write a function to determine whether string `s2` can be obtained by rotating string `s1` by `num_rotations` positions. `num_rotations` is a positive number and the rotation could be in either direction.

Test cases

1. Input: `s1= "abcdef", s2 = "cdefab", num_rotations = 7`
Output: False
2. Input: Input: `s1 = "abcde", s2 = "eabcd", num_rotations = 41`
Output: True

Function signature

```
is_rotation(s1, s2, num_rotations)
*** your logic***
return True / False
```