

## Problem 1.

Refer back to lecture and to the video here <https://www.youtube.com/watch?v=tM9YUWVQ26A> on debugging techniques in Pyzo.

For this question, you *must* work in Pyzo. We are using Pyzo because it is less brittle to use than VS Code. Once you have mastered debugging in Pyzo and are confident about using them, we will make the switch to VS Code, while making sure that you are confident enough to keep trying to force VS Code to behave like it should (and like Pyzo does) when debugging.

### Part (a)

Make a function that takes in a string and creates an infinite loop if the input is "Calculus", and returns "pass" otherwise.

Call the function with "Calculus" and demonstrate to the TA how you would debug the infinite loop.

### Part (b)

Download `gomoku.py` and demonstrate how you would debug a failing test case similarly to the YouTube video.