## Advent of Code

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### Spring Term 2022

### Introduction

Pretty straight forward, not much to say regarding the assignment, fun and easy to do.

# Description

It is a prerequisite that the reader has read the story of the game. From there it's 2 rules for the game.

- 1. If the current value is grater than the previous then it is a plus one.
- 2. If it is lower, then it is 0 or nothing.

Part Two: simply put, instead of measuring for each element we measure the sum of three at a time.

# Implementation

Below is all the code needed to solve the problem, simply when a the second parameter on the first clauses is an empty list we have traversed though the whole list. Otherwise compare the heads of the list if the the second is greater add one to the count that shall be returned otherwise call measure/2 again.

 ${\tt measure/2}$  is called with the list as the first parameter and the tail as the second so that we can compare the consecutive element.

The second part of the puzzle was just as easy as the first one, we already got a well detailed explanation of what we are supposed to do in the instructions. The way I did it follows as below.

In simple terms the method 3sum/2 sums up the first three elements in the first parameter list and appends them to the second parameter list2.