

CSC2002S Assignment 2 PCP

1. HungryWordMover

This class is directly taken from the WordMover class with a few notable additions. First off, instead of using a FallingWord object, it uses a SlidingWord object that is an additional class that I will elaborate on, the object emulates the FallingWord object but is used strictly for horizontal movement.

This class also contains the algorithm that detects when the horizontal moving word intercepts and consumes the falling words. The algorithm is within the run() class.

2. SlidingWord

This class emulates the FallingWord class with a few additions. Additional fields like the MaximumX,slidingSpeed has been added. And this class solely works on the word that moves horizontally.

3. Addition to existing classes

On the ActionListener for when the user presses enter, an additional algorithm has been included for situations where duplicate words appear, the lowest word will disappear first.