Read Me – Task 3: A Website with Gravitational Force

Description:

This project is a website featuring a gravitational force simulation inspired by Isaac Newton's apple tree. The webpage displays a scene with a tree, grass, and falling apples. The apples fall from the tree and bounce when they hit the ground, creating a dynamic and interactive environment.

Usage:

Users can interact with the webpage by scrolling and determining the speed of the falling apples.

Encountered Issues:

On the first load of the website, a refresh might be needed because not all of the apple pictures are being initialised in their random positions.

Initially, setting the scroll position of the window to a large value was considered to prevent apples from appearing on the floor immediately, but it might not be necessary and could affect user experience. Refreshing the site solves the problem.

Dependencies:

Animate.css

Future Implementations:

Foreseeable improvements would be to add more elements to the scene and make it more customisable for the user. It could be more realistic, implementing wind or shadows.