Spring 2020 - CSC329 Game Programming - Assignment 5

Due date: Thursday, March 5, 2020, 11.00 am, upload the binaries (the build folder) to the ~/public_html/assignment5 folder, upload the sources to the ~/assignment5 folder.

Exercise 5 [10 points]
This is a programming exercise. It is an extension of assignment 4.

Here, we would like you to do the following:

1. Create some Prefabs for your game including collision components and triggers (if it suits your game). Make sure that you stay in the 2D environment here, i.e. the 2D physics colliders don’t mix with the regular physics colliders as they run on different physics engines.

2. Write a collision script that is executed if a game object collides with your player/hero. Alternatively, you can use the trigger. This depends on your game.

3. Create a textual feedback (e.g. for the user’s current score) on your screen. Make use of the UI text component. Find a suitable location on the screen and let the text change depending on the game situation.

4. Create a killbox that restarts your game.