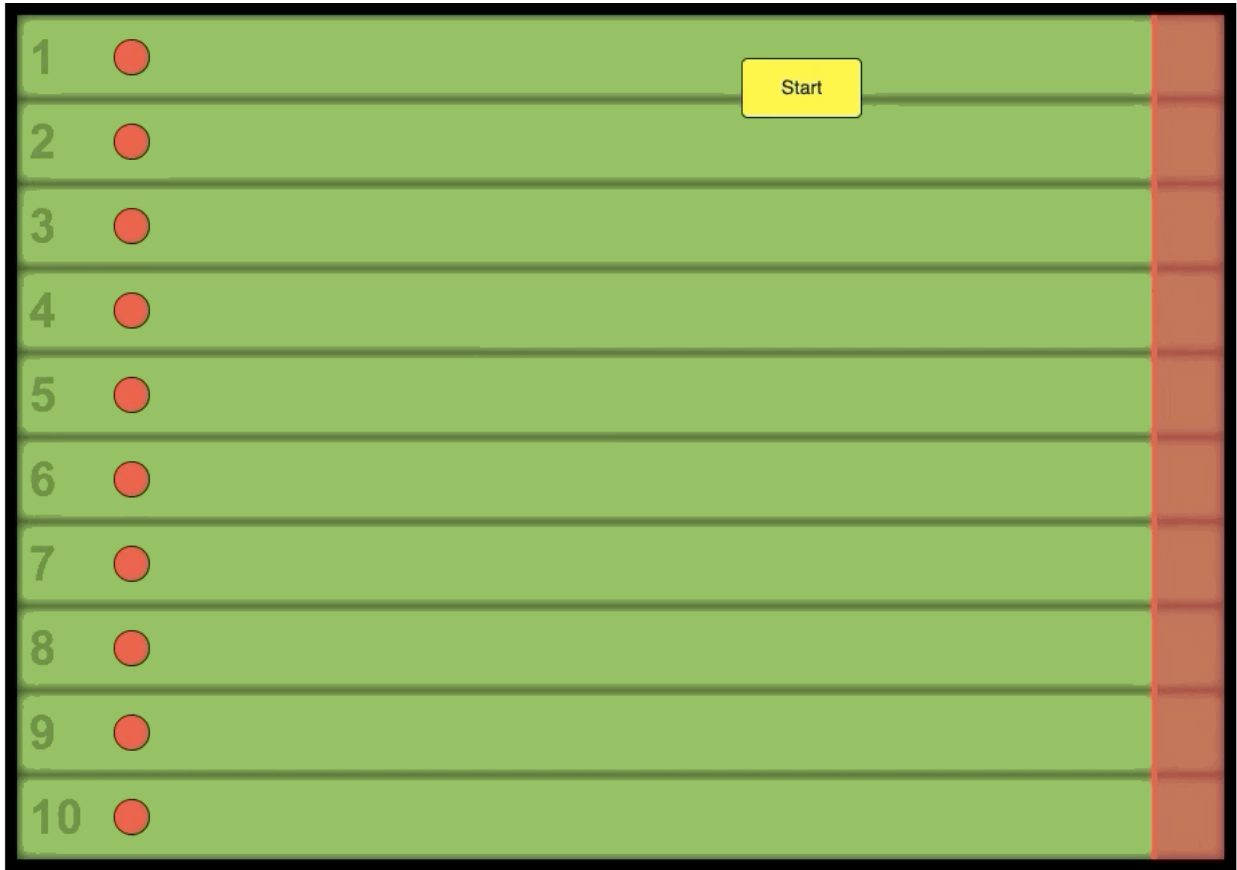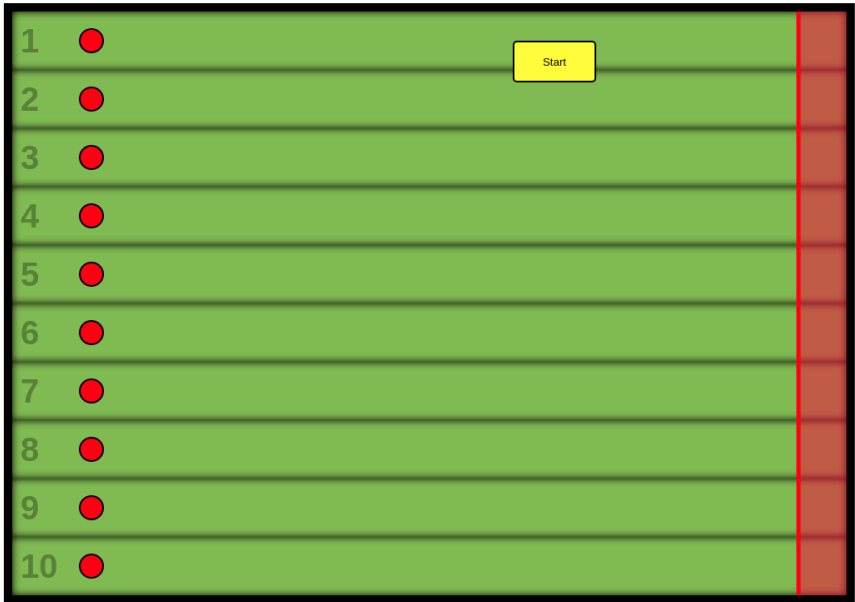# Running Track Race Game

Create an intelligent track race game which simulates runners on a running track, where you have 10 runners competing with each other.

Duration: 3 hours
Maximum Points: 50

GOAL

1. To replicate the above game using CSS/CSS3, HTML and JavaScript.
2. Implement JavaScript to simultaneously move the runners on the track until they reach the end of the track and display a leaderboard

INSTRUCTIONS

The game is supposed to follow/have the following principles/components:

1. A track of 1000px in width and 700px height
2. Each track is 70px height and 1000px in width, numbered on the left (1-10)
3. Each track needs to have a runner
4. Track needs to have a finish line on the far right
5. A start button which triggers the start of the game
6. Once the start button is pressed, all the runners will move in the right direction at a random speed which has to mimic the running behaviour
7. All the runners have to complete the track race
8. Once all the runners have reached the finish line, a leaderboard has to be published stating who is the 1st, 2nd and 3rd winner.

RESTRICTIONS

You are supposed to create the game using only the following:
1. CSS/CSS3/SCSS
2. HTML
3. JavaScript (ES5,6)
4. JS Library permitted: **jQuery only (No VueJS, Angular)**

MARKING CRITERIA

Marking will be done according to the following criteria:

1. Meeting the design criteria: 15%
2. Behaviour of game: 40%
3. Coding, quality and reusability of functions: 30%;
4. Best practices: 15%