Announcement of Final Project

2023/11/21
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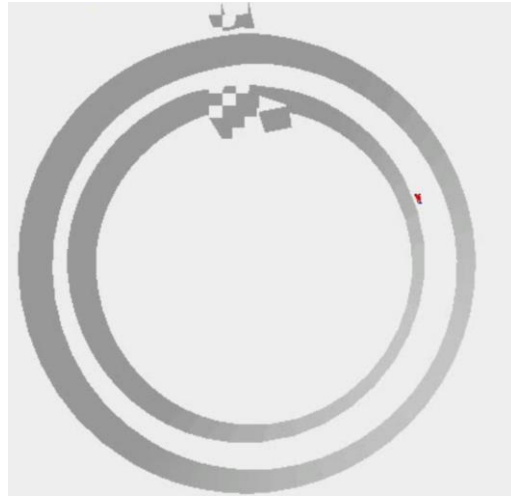
We will talk about some crucial updates regarding the final project
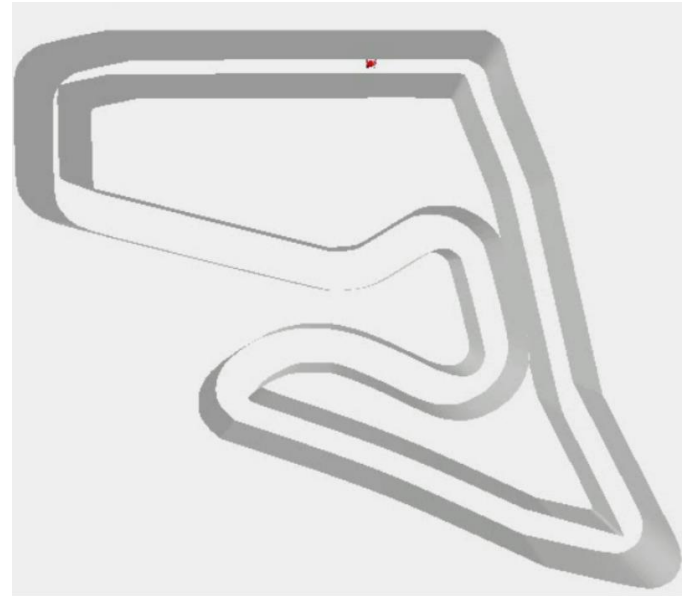
For more information, please refer to the updated specification PDF.
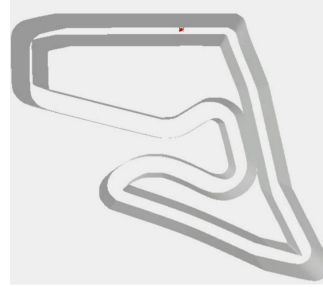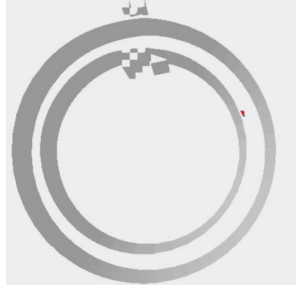
Maps

- Circle_cw
- Austria

25 sec

100 sec

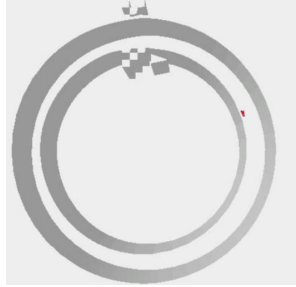# Scoring Criteria

- Your total project score = report * 0.4 + demo performance * 0.6

Scoring Criteria

	Circle_cw	Austria
Threshold 1	20% (finish a lap)	15% (finish first curve without collision)
Threshold 2	-	5% (finish second curve without collision)
Ranking	30%	30%

Scoring Criteria
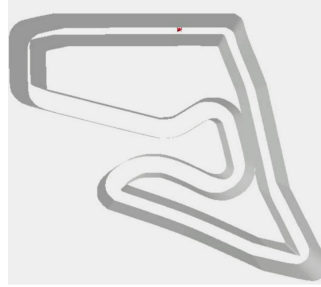
Bonus:
- If you use **the same model** to evaluate both maps and you pass both the Circle_cw threshold and Austria threshold 1/2: **+5%** of the demo score

Important Announcement regarding the Demo

- You NEED to DEMO to get performance grades
- Different maps can be tested with different models
- Pre-recorded action sequences are prohibited during the demonstration
- You have several chances to demo, and the highest score will be chosen in the end. (including the bonus)

Important Announcement regarding the Report

- W mainly score based on the effort and learning people put into "**Reinforcement Learning**" and "**Neural Network Training**".
  - If your content DOES NOT relate to at least one of the topics mentioned above, you will receive NO
  - score in the report part.
  - For instance, you might craft an "if-else" program that could potentially achieve a decent score in the demo performance. However, if that is your only effort, you will receive no points in the report section.

The Randomness Environment during the Demo

- We may introduce some randomness, such as:
    - Adding a bit of noise to your action
    - Randomizing the starting point
- Therefore, please ensure to train a stable model!
- The randomness used may vary on different demo days