Instructions

- These are a set of competitive tasks.

- The final MP4, report can be submitted through GitHub by Making a folder Task 2 in your forked folder from ERA-IITK/CodeJAM

- Include a detailed README.md detailing your approach and the speed of your algorithm for full marks

- The final Repo should include all your results, code snippets and necessary information of the task.

- Relevant links can be found at ERA-IITK/CodeJAM

- You need to use python for doing Code jam tasks.

- Scoring scheme will be based on:

  - Frame rate of solution

  - Accuracy of detection

  - Time taken (max 36 hours after which no bonus will be allowed)

- Time limit 36* Hours.

* : subject to reconsideration based on academic commitments.

Don't spin

The Sentry Numbering Problem

You have been given a Video (input.mp4) of 2 robots in a simulated environment with clearly demarcated number tags. You have to detect the robots and label them as bot 1 and bot 2. (very simple, jaldi karke dikhao)

- You are not allowed to use pre-trained APIs like pytesseract.

- If you are using learning based methods, you will have to create your data-set yourself.

- **Hint :** once differentiated, you can track them individually.

- Use pyhton.