Intern Hiring Assignment
Computer vision

Tasks :

1. Write a robust algorithm to calculate successful rep count for knee bend exercise (Use mediapipe pose model for this task)
2. Add a holding timer limit of 8 sec
3. Include feedback logic in your code, which should be triggered only when a person failed to stay in holding position till 8 sec.
   Feedback message - **"Keep your knee bent"**
4. Run your code with provided video and upload the full recorded pose detected video in drive.

Exercise description -

- Leg should be bent to start timer
- Slight inward bend is enough to start the timer.
- After a successful rep, the person has to stretch his/her leg straight.
- No restriction for back angle
- Consider leg closer to camera as exercised leg

Video :

KneeBend,mp4

Timeline

6 days, sooner is better.

Where to submit

To submit your solution, please fill this google sheet and upload your article to google drive, and share the drive url /video in the google sheet:

https://docs.google.com/forms/d/1i5u9HooFaeMG1LFc82Z_1VzofvQMAGtKpjyfg-yuqCk/edit

Make sure your submission contains:

a) Code file

b) Output video

c) Instructions

You don't have to be great to start but you have to start to be great
ALL THE BEST!