# Knee Exercise Monitor

This task uses MediaPipe by Google and OpenCV. Language used was Python3.

Instructions:

1. Once the video starts, the counting of reps does not begin until the person has bent their knees for 140deg or less.
2. The reps do not get counted if the person held their feet for less than 8 seconds.
3. If the person changes sides, Rep counter resets for the other leg from 0. Reps are only counted for the leg closer to the camera as detected by MediaPipe.
4. If the person relaxes their knee before 8 seconds, a warning is issued for 3 seconds telling them to keep their knee bent.
5. Some part of the video had cuts and at some parts MediaPipe struggled to differentiate between the left and the right leg.
6. Live value of the angle is also shown atop the closer knee.