

I have completed all parts of the assignment.

When run the program will run all of core in sequence. To run completion/challenge uncomment `d.task_4()` - be aware that this takes a while and outputs the images to the `out/` directory.

Unfortunately there's an off-by-one error in my loop setup for challenge that I couldn't figure out, so one frame gets skipped and it only generates Stable000-Stable100, but the actual algorithm itself works fine. There's also some artifacting in task 3, which is just from the compositing mask and not part of the homography code.

All the algorithm code is in `detector.cpp`.





