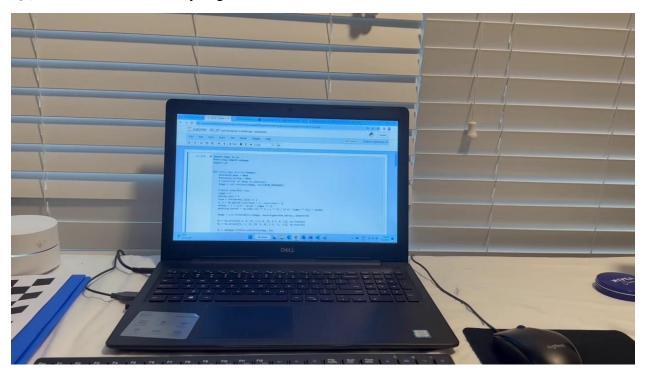
# **Assignment 2 Report**

Github link: <a href="https://github.com/sakethksvlnr/Introduction-to-CV-Assignments">https://github.com/sakethksvlnr/Introduction-to-CV-Assignments</a>

Q1) Harris corner and Canny edge detection function



Canny:



#### Harris:



### Q2) Image stitching:

Test1: Dahlberg Hall



Test2: Student Center East



Test 3: Urban Life



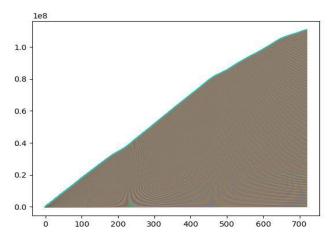
Test 4: Science Center

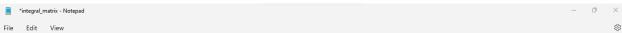


Test 5: Classroom South



#### Q3) Integral Image





150 300 450 600 750 900 1050 1200 1350 1500 1650 1800 1950 2100 2250 2400 2550 2700 2850 3000 3150 3300 3450 3600 3750 3900 4050 4200 4350 4500 4650 4800 4951 5100 525 1270 2731 27666 27841 27996 28151 28306 28461 28616 28771 28926 29881 29236 29932 29548 29704 29860 30016 30172 30328 30484 30639 30794 30949 31104 31259 31414 315 430 51515 15163 51707 51802 51897 51991 52805 52179 52273 52367 52461 52575 52473 52837 52935 53927 53123 53219 53315 53410 53505 53599 53697 53797 53892 53999 567764 67866 67967 68068 68106 68273 68376 68480 68586 68592 68796 68904 69010 69117 69224 69332 69439 69546 69654 69762 69871 69980 70089 70198 70308 70408 70639 70650 70640 70650 70640 70650

300 600 900 1200 1500 1500 1500 1500 1400 2700 3000 3300 3600 3900 4200 4500 4500 4500 5400 5700 6000 6300 6600 6900 7200 7500 7500 7500 7500 7500 9901 6030 60615 60907 612 1 102466 102680 102892 103102 103310 103516 103721 103923 104123 104523 104524 104724 104922 105118 105312 105505 105507 105889 106080 106271 106461 106651 106641 1070 05 130399 130595 130790 130984 131177 131370 131564 131758 131953 132150 132248 132545 132739 132934 133131 133326 133523 133722 133920 134118 134316 134514 134712 134 0203731 104023 104023 104023 104024 104021 10518 105312 105505 105507 105889 106080 106271 106461 106651 106641 1070 05 130399 130595 130790 130984 131177 131370 131564 131758 131953 132150 132234 132354 132739 132934 133131 133326 133523 133722 133920 134118 134316 134514 134712 134 040 140020 14

## Q4) SIFT Features Image Stitching:



