**Assignment 2 Report**

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

Q1) Harris corner and Canny edge detection function

A computer on a desk

Description automatically generated with medium confidence

Canny:



Harris:

A picture containing text

Description automatically generated

Q2) Image stitching:

Test1: Dahlberg Hall

A picture containing building, tree, outdoor, apartment building

Description automatically generated

Test2: Student Center East

A brick building with a sign on it

Description automatically generated with medium confidence

Test 3: Urban Life

A picture containing text, indoor

Description automatically generated

Test 4: Science Center

A picture containing sky, building, outdoor, street

Description automatically generated

Test 5: Classroom South

A picture containing sky, outdoor, building, arch

Description automatically generated

Q3) Integral Image

Chart, surface chart

Description automatically generatedText

Description automatically generated

Q4) SIFT Features Image Stitching:

A picture containing building, outdoor, window, apartment building

Description automatically generated

Q5) Stitching using ORBA picture containing text

Description automatically generated