CS451 – Computer Graphics

<u>HW (1) – Summer Semester (2022)</u>

Date: Wednesday 29/6/2022   **Total:** 3 Marks

Submission: Hardcopy during class

The Objective of this exercise is to measure your cognitive and analysis skills based on scan conversion. [CLO 1.2]

1. Trace the DDA algorithm to draw a line segment from (2, 3) to (8, 7).

2. Trace the Bresenham's algorithm for drawing the line segment from (4, 5) to (10, 9).

3. Trace the Bresenham's algorithm for drawing a circle with diameter of 16.