

COMPUTER GRAPHICS

Assignment – 2

Line Drawing Algorithms

Date: 16.09.2021

Submission Deadline: 23.09.2021

Implement the following line drawing algorithms in C/C++:

1. Bresenham Algorithm
2. Mid-point Line Drawing Algorithm

Take the two endpoints (x_1, y_1) and (x_2, y_2) as user input.

For a computer screen, the top leftmost point is considered as the origin.

Pre-requisite: Basic knowledge of the 'graphics.h' library.

Bonus Points: Add animation to show the point plotted along with the coordinate values after every iteration.