

Assignment-1

Course: Computer Graphics Lab
Semester: B.C.S.E. Third Year

Objective:

Implement a line drawing algorithm to draw lines between two end points in the raster grid using, **a) DDA b) Bresenham's line** drawing algorithm. Show execution times for each algorithm in ms. Check for all possible line endpoints in 4 quadrants.

Submission Guidelines:

- Submit your entire Qt project folder.
- Include an assignment report.

Submission Deadline:

- Submission Deadline for Group(**A1**): **26/08/2025**
- Submission Deadline for Group(**A2**): **21/08/2025**
- Submission Deadline for Group(**A3**): **29/08/2025**