

Programming Assignment #1

Deadline: 20th August, 2018

Write a program to scan convert a parabola $x = y^2$ for the interval $-10 \leq y \leq 10$ using the midpoint method and taking symmetry into consideration.

You can use following links to download codes for scan conversion of lines and ellipse. It will run in Dev C++. First download the files in 2 separate directories and then load the .dev project file in Dev C++ environment and then compile and execute.

Codes for Line:

http://www.iitg.ernet.in/pinaki/P3_1_BresenhamLine.zip

Codes for Ellipse:

http://www.iitg.ernet.in/pinaki/P4_2_Ellipse.zip