Programming Assignment #1
Deadline: 22nd August, 2016

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:

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/DrawLine.cpp

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/DrawLine.h

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/Line.cpp

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/Line.h

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/Line.rc

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/P3_1_BresenhamLine.dev

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/P3_1_BresenhamLine_private.h

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/P3_1_BresenhamLine_private.rc

www.iitg.ernet.in/pinaki/P3_1_BresenhamLine/WMain.cpp

Codes for Ellipse:

www.iitg.ernet.in/pinaki/P4_2_Ellipse/Ellipse.cpp

www.iitg.ernet.in/pinaki/P4_2_Ellipse/Ellipse.h

www.iitg.ernet.in/pinaki/P4_2_Ellipse/Ellipse.rc

www.iitg.ernet.in/pinaki/P4_2_Ellipse/P4_2_Ellipse.dev

www.iitg.ernet.in/pinaki/P4_2_Ellipse/P4_2_Ellipse_private.h

www.iitg.ernet.in/pinaki/P4_2_Ellipse/P4_2_Ellipse_private.rc

www.iitg.ernet.in/pinaki/P4_2_Ellipse/WMain.cpp