

Computer Graphics Lab

Lab 5 Manual

[
**Try to develop a generic solution for the given problem
**Specific solution will carry a partial mark (70%)
**Report when you're done with the solution
**Submit your code containing your registration number as your filename
]

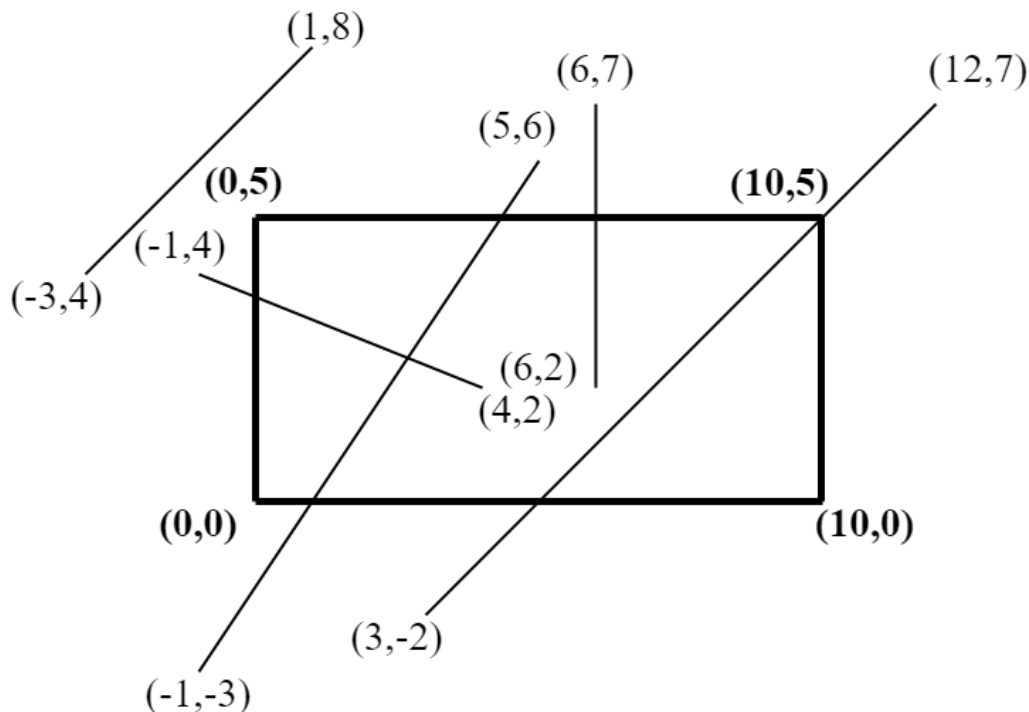
Task 1:

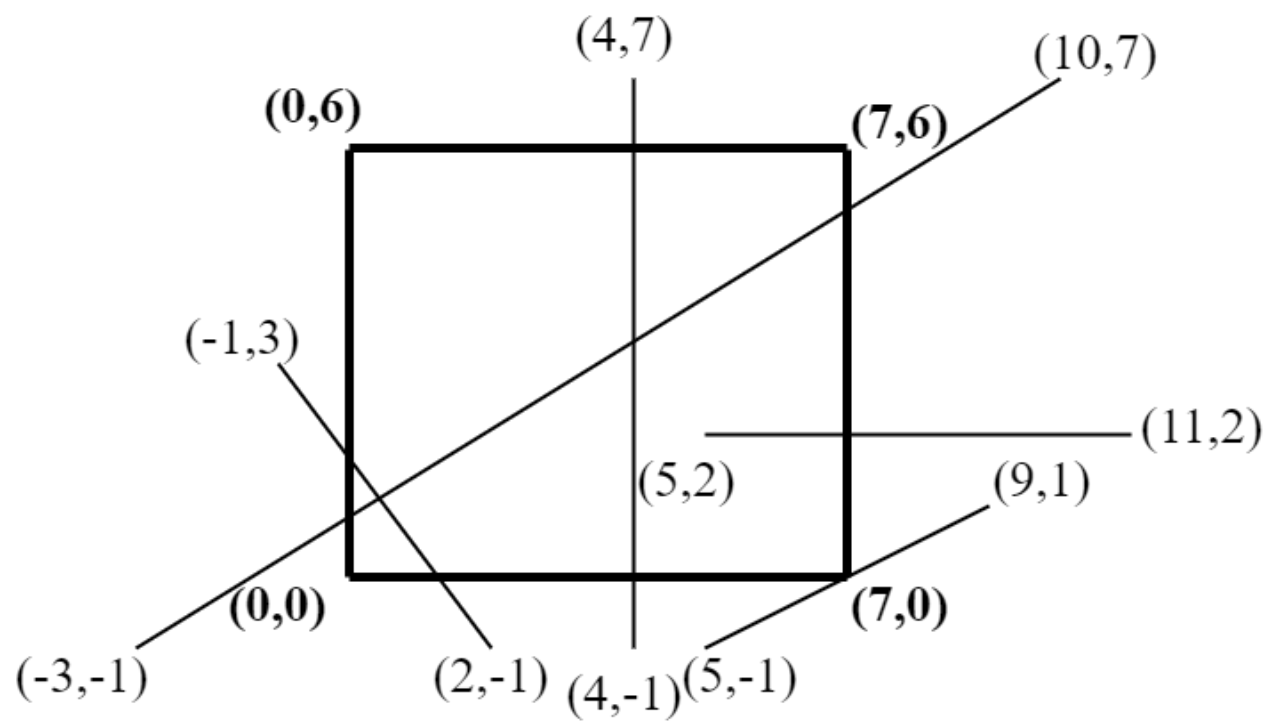
70+30%

You'll be given a rectangle described with its 4 corner points in the counterclockwise direction. Now, you'll be given an integer, N, the number of line segments. Then N pairs of points will be given to denote N line segments.

Find the clipped lines using the Midpoint Subdivision algorithm.

Some test cases for you:





Show the expected output while reporting