Stealth Co. Programming Task

This following task should take 2-4 hours to complete

Using C++, Objective-C, Java or Python write a small application that takes as input a set of line coordinates, and renders them to ASCII line art.

The program should accept inputs of the form (x,y) – (x,y), (x,y) – (x,y), … where (x,y) are the coordinates of the line segments. The program should accept an arbitrary number of line segments.

The coordinate range is between 0 and 19 on x and 0 to 9 on y, and the output should be a 20x10 array of ASCII characters.

The program should be able to handle any number of lines from any coordinates.

For example, the input string (4,9) – (14,0), (0,4) – (19,4) must produce the following output on stdout:

```
        X
       X
      X
     X
XXXXXXXXXXXXXXXXXXX
    X
   X
  X
 X
X
```

Brevity will be rewarded. Use only standard libraries - the use of non-standard (e.g. Boost) or platform specific libraries (e.g. Win.h) is disallowed. Feel free to search the internet to help you solve the task.

- For Objective-C projects you should provide a complete Xcode project
- For C++ you may use either Xcode or GCC. The completed submission should have either a valid Makefile or build script for GCC or else an Xcode project as appropriate.
- For Java you should provide source and a build script (Ant, Maven or Graddle)
- For Python you should provide your source code and any additional instructions in a readme file.

You should assume this project is intended for commercial use and code your solution accordingly.