

EECE.2160: ECE Application Programming

Programming Assignment #7: Simple Raster-Scan Graphics

Figures

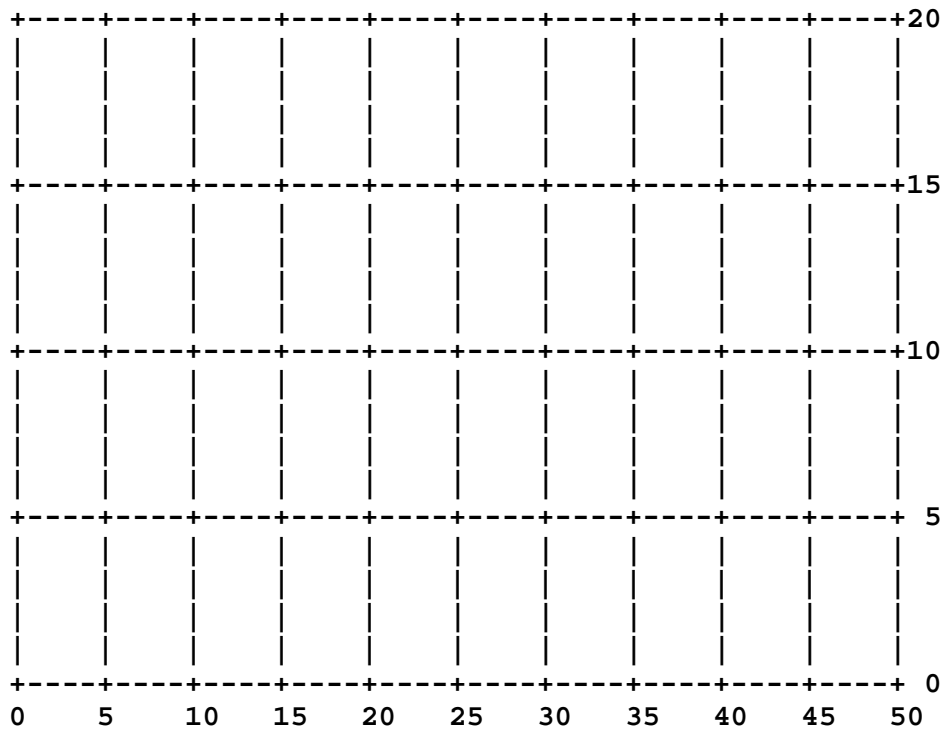


Figure 1: Empty 21 x 51 grid. The grid is drawn using a collection of +, -, |, and space characters, and these characters are stored in a two-dimensional array. The axis labels shown every five rows or columns are not stored in the array—if you want them as part of the array, you'll have to make it larger.

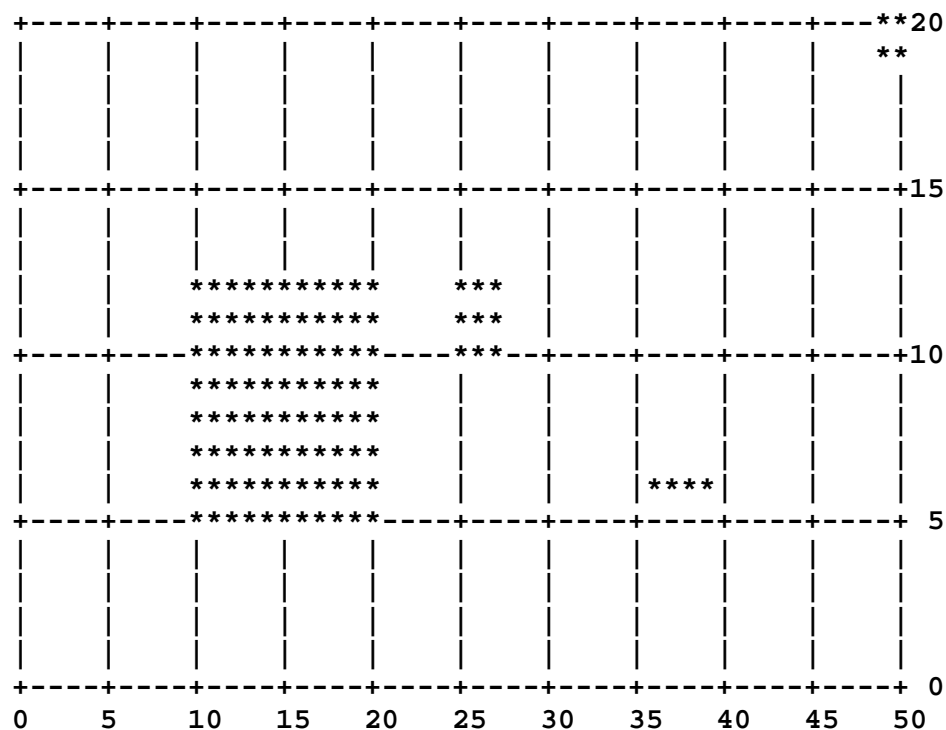


Figure 2: Updated grid with the following boxes—origin (10,5) with width 11 and height 8, origin (25,10) with width and height 3, origin (36,6) with width 4 and height 1, and origin (49,19) with width and height 4. Note that the fourth box goes outside the grid, but only the lower left part of it is shown.