

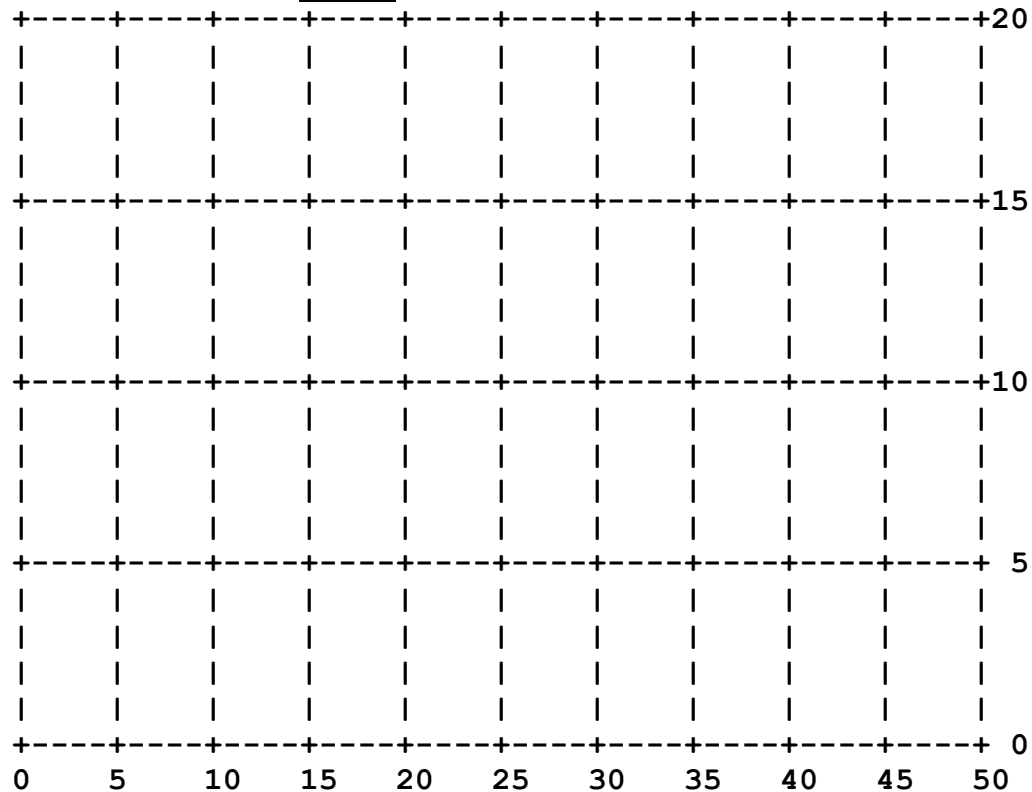
# EECE.2160: ECE Application Programming

## Programming Assignment #9: Simple Raster-Scan Graphics

### Test Cases

The results of a full program run is shown below, with user inputs underlined. Remember, when running the program in zyBooks, user inputs are not shown.

Enter command: print



Enter command: add

Enter X and Y coordinates for origin: 2 3

Enter width and height: 5 10

Enter command: add

Enter X and Y coordinates for origin: -3 -3

Enter width and height: 10 10

Enter command: add

Enter X and Y coordinates for origin: 40 15

Enter width and height: 3 6

Enter command: print

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+20
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+15
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+10
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ 5
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
|  *****  |       |       |       |       |       |       |       |       |       |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+ 0
0         5         10        15        20        25        30        35        40        45        50

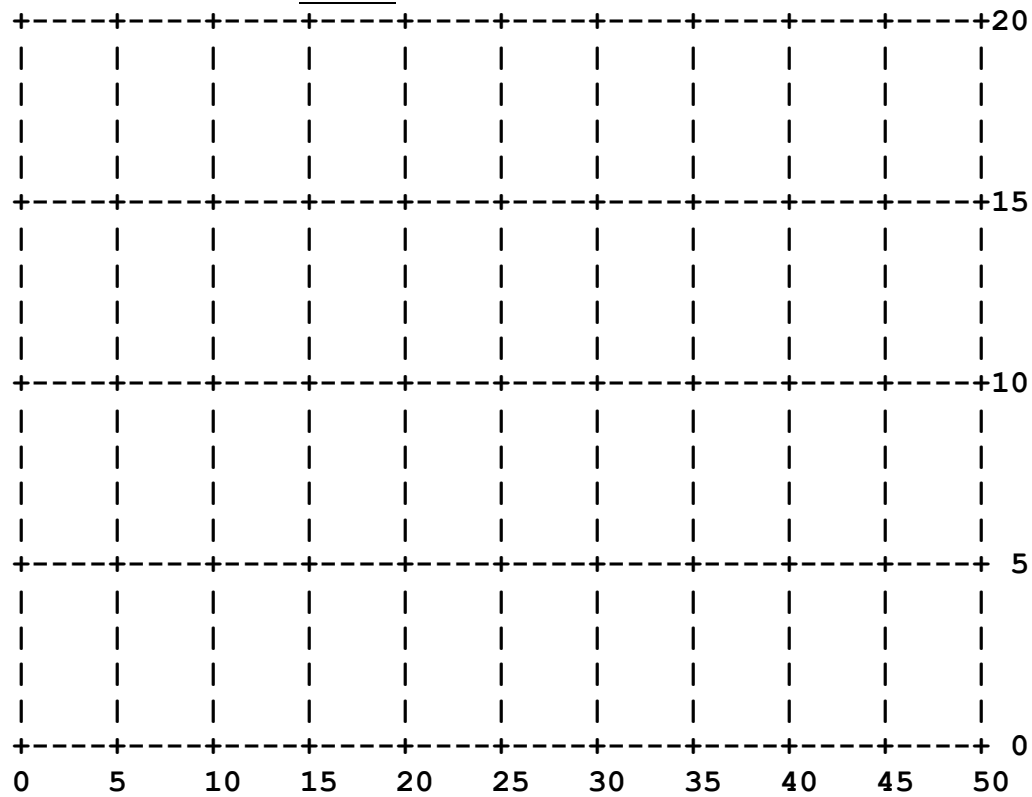
```

Enter command: clear

Invalid command clear

Enter command: reset

Enter command: print



Enter command: printer

Invalid command **printer**

Enter command: exit