

COMP500 / ENSE501: Week 12 – Exercise:

EXERCISE NAME: *Many Rectangles*

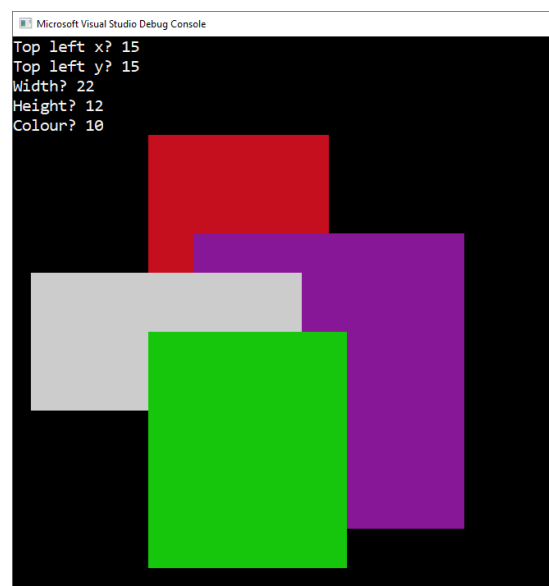
Create a program that first prompts the user for five integer values: a top left x-coordinate, a top left y-coordinate, a width, a height, and a colour. The program must then draw a rectangle based upon the user's input using the `p1colour.h` and `p1colour.lib` functionality.

An example of the program after the user has input five values:



After drawing the rectangle, the user must then be prompted to input another set of five values to draw another rectangle.

An example of the program after the user has drawn multiple rectangles:



Ensure your source code compiles and follows good programming standards. Ensure your program is well tested.