Print Full Name: **OOP244SCC Quiz 3**  
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1. Having the following structure:

struct Box {

int m\_height;

int m\_width;

// add the method declarations (prototypes) here:

};

Add a member function (method) called display that shows values of the box as follows: m\_height x m\_width and goes to new line. (If m\_height and m\_width are **10** and **8**, it prints **10 x 8** and goes to newline)

1. Write a main function and in it create an instance of Box called “B” and set the height and width to 10 and 8 and then call the display of “B” to print it.
2. Modify the Box structure in question 1 (add the modifications to the structure printed above) and make sure the two integers are only accessible by the class members and the display functions is accessible by all.
3. Assuming there is an integer called “num” with 127 in it; print it in 10 spaces and fill the left with “@”. (i.e “@@@@@@@127”)
4. Add a default constructor to the Box structure (class) to set the height and width to zero;
5. Add a constructor that accepts two integer arguments called “h” and “w” and sets the m\_height and m\_width to the corresponding values.