# Programming Questions

### For all questions, please write your own code.

### Question 1:

Suppose we want to preprocess JSON strings to strip out C style line comments. An example might look like this:

// this is a comment

{ // another comment

true, "foo", // 3rd comment

"http://www.ariba.com" // comment after URL

}

Write a function to strip line comments **without using regular expressions**. Think about the other corner cases.

### Question 2:

Given a string consists of different types of brackets, write a function to determine the string is balanced. For example, " ([])" and "[]{}" are balanced but "([)]" and "](){" are not. You can assume these are the only characters in the string: ()[]{}

### Question 3:

If the string only consists of ( and ), how would it affect your solution from above? For example: " (())" or " (()("