Cot 3011 --- Project 6

Chapters 10-11 --- Strings and Pointers

Due: Friday April 1 before 5 PM late. (Late submissions before 5 PM April 2)

Objective:
Write a C program that implements and tests the three C functions described in problems 5, 6 and 7 on page 231 of the text. Here are the prototypes:

```
// find second string in first
// return index where string starts or -1 if not found
int findString(char *, char *);

// remove specified number of characters starting at
// a specified index.
// first int is starting index, second is count
void removeString(char *, int, int);

// insert the second string into the first starting
// at the specified index
void insertString(char *, char *, int);
```

Specification:
1. For this project, the purpose of "main" is to simply test the three functions. **Do not have the user supply data** to main.
2. **One additional requirement** beyond what is stated in the text is that square brackets "[ ]" are not allowed in any of the three functions. In other words, use pointers to access the character strings rather than array notation.
3. **Do not use** any of the (string.h) library functions within your functions. Note, you may use those function in "main" if you like.
4. Use the exact prototypes provided above.

Style/Format
Be sure to include appropriate documentation.
Be sure to format your code as discussed in class. For example, curly braces should line up and all blocks of code should be indented.

Project Submission:
Submit your project using the eLearning dropbox. Notice that there is a dropbox for late submissions.
For this project simply submit the file containing your source code (.c).