Create A String Class

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For my string class assessment I am to create functions that are much like the functions that exist in the sting header. I have not completely finished my assessment but I have, as required by my instructor, at least 6 functions that work as intended in the parameters of the assignment. I have 3 files my main.cpp, mystring.cpp (which defines the functions in my header) and my header where my class and member functions are located. My program is set up as follows:

**Class Name** (MyString)

**In Private:**

character pointer – m\_String

**In public:**

(default constructor)

(constructor with the parameter of a pointer character named a that is assigned m\_word)

**Name**: Size(int)

**Parameters**: none

**Description**: returns the size of an string excluding the null character

**Name**: index(char)

**Parameters**: index(int)

Description: accesses a specific character within the index of a string

**Name**: Compare(bool)

**Parameters**: w(MyString)

**Description**: checks whether two strings are the same or not

**Name**: Append(char\*)

**Parameters**: cat(Mystring)

**Description**: Attaches the parameter’s string to the end of the object string, and returns the new object string

**Name**: Prepend(char\*)

**Parameters**: tac(MyString)

**Description**: attaches the parameter’s string to the beginning of the object string, and returns the new object string

**Name: ToConstant(const char\*)**

Parameters: none

Description: returns the object string as a constant

**Name: ToLower(void)**

Parameters: none

Description: coverts the object string to lowercase

**Name: ToUpper(void)**

Parameters: none

Description: converts the object string to uppercase

**Input:**

Strings

**Output:**

Manipulated versions of inputted string

**End Note:**

This project will help to understand the proper performance of a class. Although this may not be all that you can do within classes it is a grand example of the simplicity that is attained by using classes in projects.

**Comment:**

I wasn’t exactly sure on how to complete my work but I did my best to do what I could.