This is a graded discussion: 5 points possible due Sep 25

1 3

Assignment 5 Discussion

Post your contribution to the assignment 5 discussion here. This could involve asking a question, answering another student's question, giving an example of something that you struggled with and then overcame (or didn't!), giving an example of something you found particularly cool, or any other constructive way you can think of to participate.

Search entries or author | Unread | Subscribed

Reply

(https://santarosajc.instructure.com/courses/24402/users/74745)

James O'Hara

(https://santarosajc.instructure.com/courses/24402/users/74745)

Monday

Hopefully Helpful Hints, Assignment 5

A c-string ends with a terminator character, '\0'. The c-string "Dog" is an array of char: {'D', 'o', 'g', '\0'}. The length that strlen() will return for this c-string is 3. The array size is 4. The last index of the array is 3. (dogArray[3] is '\0'. dogArray[2] is 'g').

Don't #include the <string> header in your class files.

The default constructor should create a MyString object with a pointer to a one-element array of char c-string. The c-string will be "" (not " ", "", an empty string). The one element will be used by the terminator character, '\0'.

Know which functions the Big 3 are and be sure they're in your class, along with a default constructor. (Copy constructor, assignment operator overload, destructor).

strcpy() and strcat() will manage the c-string terminator character, '\0'. They will also look for it at the end of the source c-string argument. But they won't tell you if your array is too small for the c-strings they are copying into it. If I strcpy "Doggy" into dogArray[], which has 4 elements, strcpy will just copy past the end of the array. This is a bad thing; don't let it happen.

Only one data member, a pointer to char. No length data member.

Edited by James O'Hara (https://santarosajc.instructure.com/courses/24402/users/74745) on Sep 19 at 12:07am

Reply

(https://santarosajc.instructure.com/courses/24402/users/74662)

(https://santarosajc.instructure.com/courses/24402/users/74662)

Tuesday

When do you think Lesson 17 will become available?

(https://santarosajc.instructure.com/courses/24402/users/68744)

(https://santarosajc.instructure.com/courses/24402/users/68744)

Yesterday

If you haven't checked, looks like it got put up today.

#Barnard4lyfe

Reply