C++ strings vs C-Strings

C-strings are not first-class types like the C++ string type. They do not work like the built-in types. Look at this example, which tries to assign, compare and concatenate two strings:

For the C++ string class, assignment, comparison and concatenation work in the same manner as the built-in types. Use the **assignment operator**, the **relational operators**, and the +=. **Not so** for C-strings, where you must use functions from the <cstring> header to perform the same functionality.

- strcpy(dest, src) is used instead of assignment
- strcat(dest, src) is used instead of +=
- strcmp(cstr1, cstr2) is used instead of the relational operators

In addition, in place of the member function size(), you use the strlen(cstr) function which counts the number of characters before the '\0'.



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