Project 4 Additional FAQ

Q: Should this be the correct thing to happen when n is smaller than the size of the array? We define an array name[5]={"Andrew","Bethany","Christie","Danny","Edward"}, and then call shiftLeft(name, 3, 2, "foo"). The function returns 2 and name is changed to {"Christie","foo","foo","Danny","Edward"}.

A: When provided an n smaller than the actual array size, you should only manipulate those particular elements. So for:

string name[5]={"Andrew","Bethany","Christie","Danny","Edward"};

assert(shiftLeft(name, 3, 2, "foo") == 2);

will wind up with {"Christie","foo","foo","Danny","Edward"}

Q: for countFloatingPointValues(), are leading 0s valid for a float?

A: Yes, all your floating-point algorithm needs to check for is no + or -, no commas and then all digit characters and an optional single decimal point. So yes, 0000076 would pass. 00.00.76 would not. 7600+00 would not. 76.0000 would pass.

Q: Why should we use || for or and && for and? Wouldn't and, or as words, it easier to read than || &&.

A: Over the years, the C++ language standard, like any living language, has grown and evolved. It takes time for all the tool vendors to support the new things. I would recommend that you work with the pieces that have been around for a while. I like && and || myself over and and or.