Comparing an R / S-Plus Vector With a C++ Loop

The comic strip FOXTROT by Bill Amend for October 3, 2003 (obtained from www.ucomics.com/foxtrot/2003/10/03/) is shown below. It illustrates what we take to be a correctly and efficiently written C++ loop for the task at hand.

For comparison, we show the R-code to put the required repetitious list into a 500-component vector and print the result. (This code also works in S-Plus.)

> rep("I will not throw paper airplanes in class.", 500)

This code returns output that we have abridged to fit on this page:

[1] "I will not throw paper airplanes in class."
[2] "I will not throw paper airplanes in class."
[3] "I will not throw paper airplanes in class."
[4] "I will not throw paper airplanes in class."
[5] "I will not throw paper airplanes in class."
[6] "I will not throw paper airplanes in class."
[7] "I will not throw paper airplanes in class."
[8] "I will not throw paper airplanes in class."
...
[499] "I will not throw paper airplanes in class."
[500] "I will not throw paper airplanes in class."

We think either solution to the problem should be given full credit.

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