Protostar: stack2

This overflow is the same concept as stack1, but I cannot insert any text directly into the program. This program first checks if the environment 'GREENIE' exists then inserts its value into the buffer. In order to overflow, I need to set the GREENIE environment by using export, but then I can insert any characters I want. I insert 64 'a's and 0x0d0a0d0a in reverse byte order, so that "modified" is equal to 0x0d0a0d0a.

Commands:
export GREENIE=$(python -c 'print "a"*64 + "\x0a\x0d\x0a\x0d"')
./stack2