



O.S. Lab 2 Grading Rubric

Required Functionality

compileOS.sh script works correctly, builds bootable disk image	Y	N
readString function works correctly:		
Correctly invokes BIOS interrupt 0x16	Y	N
Reads characters into buffer until [ENTER] is pressed.	Y	N
Does not place ENTER (0x0D) into buffer	Y	N
Appends NULL terminator to buffer	Y	N
Backspace key is handled correctly:		
Cursor moves back one space	Y	N
Character is removed from buffer and overwritten on screen	Y	N
readInt function works correctly:		
Reads positive integer values correctly.	Y	N
Reads zero correctly.	Y	N
writeInt function works correctly:		
Prints positive integer values correctly to both printer and to screen.	Y	N
System call interface is correct:		
Interrupt vector 0x21 is modified correctly.	Y	N
handleInterrupt21 function works correctly:		
AX = 0x01 correctly invokes readString	Y	N
AX = 0x0D correctly invokes writeInt	Y	N
AX = 0x0E correctly invokes readInt	Y	N
Prints error message on unrecognized AX value	Y	N

Improvements

User program library implemented:		
Functions provided for print string, read string and read integer.	Y	N

Documentation

compileOS.sh and kernel.c well formatted and adequately documented	Y	N
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Total

17 pts