O.S. Lab 1 Grading Rubric

Required Functionality

compileOS.sh script works correctly:

Compiles **kernel.c**	Y	N
Links **kernel.o** with **kasm.o**	Y	N
Builds bootable disk image:		
Creates blank disk image.	Y	N
Puts **bootload** into sector zero.	Y	N
Puts **kernel** into sector 259.	Y	N

printString function works correctly:

Correctly invokes BIOS interrupt 0x10	Y	N
Correctly invokes BIOS interrupt 0x17	Y	N
Does not print the NULL character	Y	N

System call interface is correct:

Interrupt vector 0x21 is modified correctly.	Y	N
handleInterrupt21 function works correctly:		
AX = 0x00 correctly invokes **printString**	Y	N
Prints error message on unrecognized AX value	Y	N

Kernel runs correctly:

bochs boots from disk image created by **compileOS.sh**	Y	N
kernel performs properly	Y	N

Improvements

User program library implemented:

Function provided for print string.	Y	N

Documentation

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

Total   16 pts