COMP354 – Operating Systems
Spring 2012
Project #1 – Grading Rubric
Introduction & Booting

___ / 40  Required Functionality

compileOS script works correctly:
Y N  Assembles bootload.asm
Y N  Assembles kernel.asm
Y N  Compiles kernel.c
Y N  Links kernel.o with kernel_asm.o

Builds bootable disk image:
Y N  Creates blank disk image.
Y N  Puts bootload into sector 0.
Y N  Puts kernel into sector 3.

Kernel runs correctly:
Y N  bochs boots from disk image created by compileOS.
Y N  kernel prints "Hello World" in top left corner of screen.

___ / 30  Improvements

putChar Function Implementation:
Y N  kernel.c contains a correct implementation of the putChar method.
Y N  kernel's main method uses putChar to print "Hello World" in white on a red background in the center of the screen.

putStr Function Implementation
Y N  kernel.c contains a correct implementation of the putStr method.
Y N  kernel's main method uses putStr to print "Hello World" in red on a white background in the lower right corner of the screen.

___ / 5  Documentation

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

___ / 0  Bonus

Y N  Dual Boot Works

___ / 75  Total