



O.S. Lab 6 Grading Rubric

Required Functionality

compileOS.sh script additions work correctly:

Places disk map into sector 256 of the disk	Y	N
Places configuration file into sector 258 of the disk	Y	N
Adds Shell , Ddir , Help , Stenv and other files to disk image	Y	N

readFile function works correctly:

Reads a text file correctly	Y	N
Returns the number of sectors read	Y	N
Recognizes file-not-found error	Y	N

Revised **runProgram** function works correctly

Revised **stop** works correctly

System call interface is correct; **handleInterrupt21** function works correctly:

AX = 0x03 correctly invokes readFile	Y	N
AX = 0x04 correctly invokes runProgram	Y	N
AX = 0x0F correctly invokes error	Y	N

Shell functionality is correct

Uses system calls to request o.s. services	Y	N
ddir command <u>works</u>	Y	N
exec command <u>works</u>		
Executes one-sector files (fib)	Y	N
Executes multi-sector files (cal , t3)	Y	N
Prints error message if file not found	Y	N
help command <u>works</u>	Y	N
prnt and show commands <u>work</u>	Y	N
Prints error message if file not found	Y	N
senv command <u>works</u>	Y	N

Improvements

Coding style; uses reasonable function decomposition

Y

N

Documentation

`compileOS.sh`, `kernel.c`, `shell.c` well formatted/adequately documented

Y

N

Total

22 pts