



O.S. Project 2 Grading Rubric

Required Functionality

compileOS.sh script additions work correctly:

Places disk map in sector 1 of disk.	Y	N
Places disk directory in sector 2 of disk.	Y	N
Places msg , test1 and test2 onto the disk using loadFile	Y	N
Assembles lib.asm	Y	N
Compiles, links and places fib on disk using loadFile	Y	N

readSector function works correctly:

Correctly invokes BIOS interrupt 0x13	Y	N
Correctly computes T:H:S address	Y	N

readFile function works correctly:

Reads the one-sector file msg correctly	Y	N
Reads a multi-sector file correctly	Y	N

runProgram function works correctly:

Loads program at correct memory location	Y	N
Executes fib successfully	Y	N

System call interface is correct:

handleInterrupt21 function works correctly:

AX = 0x02 correctly invokes readSector	Y	N
AX = 0x03 correctly invokes readFile	Y	N
AX = 0x04 correctly invokes runProgram	Y	N
AX = 0x05 correctly invokes stop	Y	N

Improvements

User program library implemented:

Function provided for read file.	Y	N
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Function provided for execute program.	Y	N
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Function provided for program termination.	Y	N
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Coding style

Uses reasonable function decomposition

(e.g. string comparisons, finding directory entries, ...)	Y	N
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Documentation

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

25 pts