Required Functionality

compileOS.sh script additions work correctly:

Script produces bootable disk image	Y	N

deleteFile works correctly:

Correctly frees all sectors in disk map	Y	N
Correctly nulls first character of file name	Y	N
Interrupt 33/7 for deleting file works correctly	Y	N

stop function works correctly:

Relaunches shell when user program terminates	Y	N

writeFile works correctly:

Writes one-sector file correctly	Y	N
Uses directory entry correctly (e.g. ends used sectors with 0)	Y	N
Correctly allocates sectors from disk map	Y	N
Returns with error message if either disk directory or disk map full	Y	N
Interrupt 33/8 for writing file works correctly	Y	N

writeSector works correctly:

Writes data to sector	Y	N

Shell functionality is correct:

Uses system calls to request o.s. services	Y	N
Recognizes and correctly executes **boot** command	Y	N
Recognizes and correctly executes **cls** command	Y	N
Recognizes and correctly executes **copy** command	Y	N
Recognizes and correctly executes **del** command	Y	N
Recognizes and correctly executes **dir** command	Y	N
Recognizes and correctly executes **echo** command	Y	N
Recognizes and correctly executes **help** command	Y	N
Recognizes **run** command	Y	N
run executes test program successfully	Y	N
run prints error message if file not found	Y	N
Recognizes and correctly executes **tweet** command	Y	N
Recognizes **type** command	Y	N

type works on one-sector test file	Y	N
type prints error message if file not found	Y	N
Shell uses user program library	Y	N

Improvements

User program library augmented:

Function provided for deleting a file.	Y	N
Function provided for writing a text file to disk.	Y	N

Coding style

Uses reasonable function decomposition

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

Documentation

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

Total   32 pts