Project Group: Alex Karwowski, Chayton Hamerick, Dominic Cumba

Date: 2/14/20

What we did:

* Created readString(), readInt(), and writeInt() functions and defined cases 1, 13, and 14 of handleInterrupt21()
* readString(), takes a character array as a parameter and stores user input inside the array until ENTER is pressed
* readInt(), converts user input in the form of a string into a numeric value
* writeInt(), converts an integer value into a string and outputs the string
* handleInterrupt21() has case 1 defined as a call to function readString(), case 13 defined as a call to writeInt(), and case 14 defined as a call to readInt().
* Included madLibKernel code to test new functions
* Replaced function calls to interrupt call

How to verify the project works, run the following commands in order:

* Open xterm or other terminal that can run x server programs
* cd into the directory of the Lab1 folder
* sh compileOS.sh
* echo "c" | bochs -f bdos.txt
* At this point the emulator should run and print out to the screen the BlackDOS logo.
* Click the “power button” in bochs to close the emulator
* nano printer.out
* Use your favorite editor to open the printer.out to confirm that “Hello world from Chayton, Dominic, and Alex.”

This concludes everything that you need to do to run the project and confirm that it is working correctly