

All source code files contain additional program descriptions as well comments. WRITEUP contains information summarizing my results, as per BB request

### **1.) myhead**

Mimics the bash head program and reads by default 10 lines from a file, unless the number of lines is specified otherwise

#### Usage:

For a default of 10 lines: \$ ./myhead filename.txt

For specified amount of lines: \$ ./myhead <n> filename.txt

ex: \$ ./myhead 5 filename.txt

### **2.) read and fread**

Both programs read data from a file. Sample program output can be viewed in the source code

#### Usage:

\$ /usr/bin/time -v ./read1 filename

\$ /usr/bin/time -v ./fread1 filename

### **3.) popen**

Executes a single command and it's arguments

#### Usage:

\$ ./popen <program> <arg1> <arg2> ... <argn>

ex: \$ ./popen ls -l

### **4.) accessDB and createDB**

createDB will write 100 structs to a file, accessDB will lseek() to random entry and print 10 records

#### Usage:

\$ ./createDB

\$ ./accessDB