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1. arch/x86/kernel/Simple\_add.c
   1. simple\_add contains the function to printk the numbers to be added, add the numbers and store them in the \*result, printk the result and then return 0 if successful.
2. arch/x86/kernel/Makefile
   1. we appended our kernel calls to the Makefile so that the system knows they exist.
3. arch/x86/syscalls/syscall\_64.tbl
   1. here we give the system calls their system call table values, 323 and 324
4. include/linux/syscalls.h
   1. these are the function prototypes
5. /var/log/syslog
   1. This file contains the log of output from running the compiled version of Simple\_add.c and helloworld.c

The test program can be located anywhere in the file system. To compile and run these test programs direct a terminal to the location of the test programs, then run the command gcc <testprogram.c> -o <testprogram>, this compiles and creates an executable. Then ./<testprogram> to run the test program. Now run the command dmesg or check your /var/log/syslog directory for the output.