OS Assignment 1

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Section 1: Instructions

In the location in which add2Float.c and addWrapper.c is present, run the following commands:

make
./add2Floats

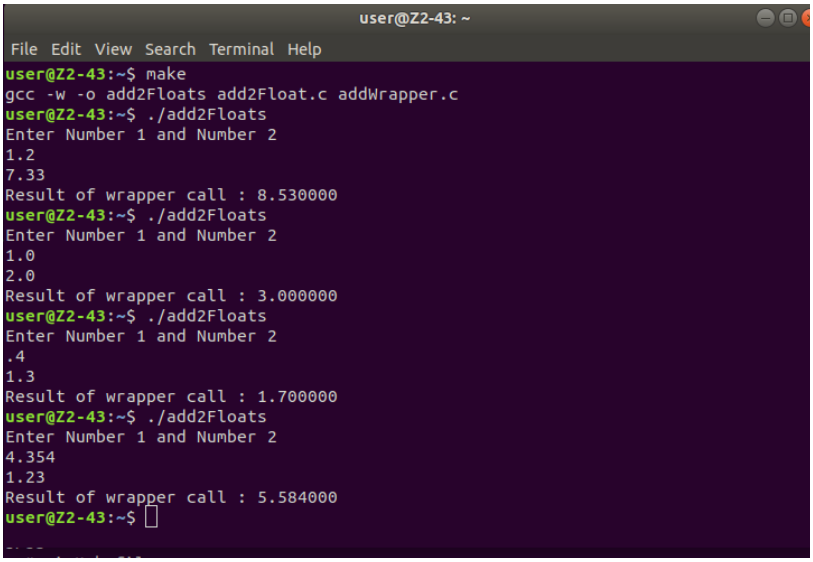
Section 2: Files added and modified

1. /usr/src/linux-5.2.9/add_syscall/add_syscall.c
2. /usr/src/linux-5.2.9/add_syscall/add_syscall.h
3. /usr/src/linux-5.2.9/add_syscall/Makefile
4. /usr/src/linux-5.2.9/Makefile
5. /usr/src/linux-5.2.9/arch/x86/entry/syscalls/syscall_64.tbl
6. /usr/src/linux-5.2.9/include/asm-generic/syscalls.h
7. /usr/src/linux-5.2.9/include/linux/syscalls.h
8. /home/user/add2Float.c
9. /home/user/addWrapper.h
10. /home/user/addWrapper.c

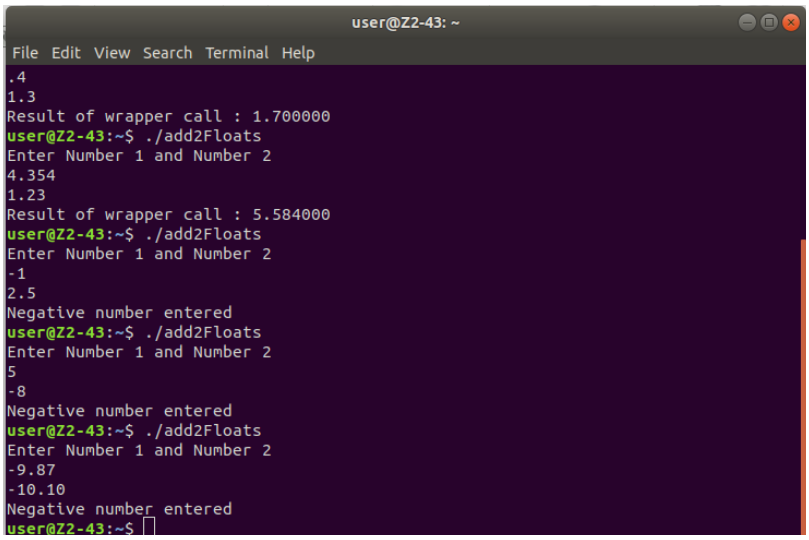
Section 3: Output

Following is the output:

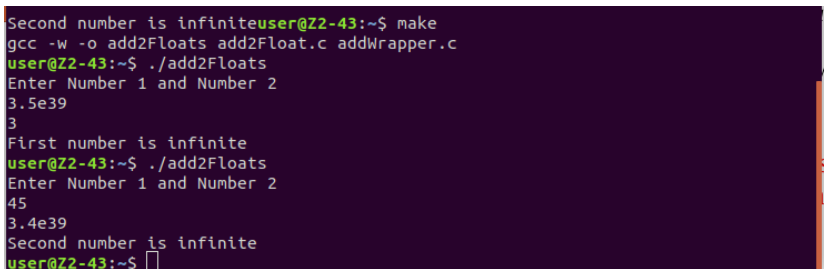
1. 2 floats:
(When arg1>arg2 and vice versa)



2. When 1 or more numbers are negative:



3. When input has a number out of bounds:



4. When sum is out of bounds: