

Submission details:

File 1: /home/mayukh/Desktop/cse\_506/linux-4.8/Makefile - No change

```
ifeq ($(KBUILD_EXTMOD),)
core-y += kernel/ certs/ mm/ fs/ ipc/ security/ crypto/ block/

#cse306
core-y += cse306/

#assgn
core-y += assgn/
```

File 2: /home/mayukh/Desktop/cse\_506/linux-4.8/arch/x86/entry/syscalls/syscall\_64.tbl

Added system call number 332-335

```
#cse306_assignment_3
332      64      event_open          sys_event_open
333      64      event_close        sys_event_close
334      64      event_wait          sys_event_wait
335      64      event_sig           sys_event_sig
```

File 3: /home/mayukh/Desktop/cse\_506/linux-4.8/include/linux/syscalls.h

Added /\*assgn\_3\*/ section

```
/*assgn_3*/
asmlinkage long sys_event_open(char *name, int namelen, int *id);
asmlinkage long sys_event_close(int id);
asmlinkage long sys_event_wait(int id);
asmlinkage long sys_event_sig(int id);
```

File 4: /home/mayukh/Desktop/cse\_506/linux-4.8/cse306/Makefile

Added named\_event.o

obj-y := hello.o family\_tree.o named\_event.o

File 5: /home/mayukh/Desktop/cse\_506/linux-4.8/cse306/named\_event.c

Attached

File 6: User space programs attached in folder: user\_space\_program, filename:

eventcommon.c, eventsignal.c, eventwait.c

Folder cse306: contains named\_event.c, named\_event.o and Makefile