

1. `copy_in` copies number of bytes from user_space address `USERSRC` to a kernel-space address `DEST`.

3. We call `vfs_close` so we can free all resources related to the file that was opened by `vfs_open`. Otherwise, resources used by the file containing user program will never be freed after going back to the user mode. Since the same file can be opened multiple times with different file locations, it is important to close file as soon as the work is done.

4. `enter_new_process` "warps" to user mode. (??)

5. `userptr_t` is a pointer that points to address that is currently residing in user space.

6. Implementation that destroys(frees) the thread and its resources should be implemented

7. When `sys_call` is invoked, interrupt is enabled using `curthread->t_curspl`. When `kill_curthread` is called, interrupt is not disabled. Function itself does not do with interrupt handling.

8. Difference between `copyin()` and `copyinstr()` is that `copyin()` copies a block of memory while `copyinstr()` copies string from user-level address `USERSRC`.

9. `vfs_open` is used to open a file or device.

10. Operations you can do on vnode are `vop_open`, `vop_close`, `vop_reclaim`, `vop_read`, `vop_readlink`, `vop_getdirentry`, `vop_write`, and so on. The rest of the operations can be found in `kern/include/vnode.h`. When two processes open same files, we have two vnodes and `vn_opencount` is set to 2, indicating that the file is opened at two places.