## **OS Assignment2 Part2 Write-up**

Add new syscall to table in kernelbuild/linux-5.xx.xx/arch/x86/entry/syscalls/syscall\_64.tbl

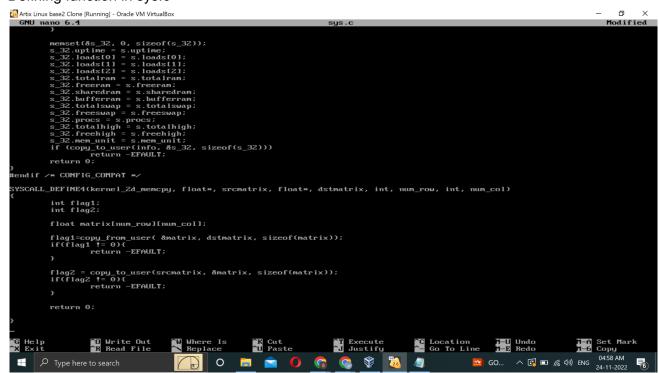
Define function in kernelbuild/linux-5.xx.xx/kernel/sys.c

## Adding in table:

```
CMU bases 6.3

CMU ba
```

## Defining function in sys.c



Build and compile:

Get .config file into a folder say os-repo cd os-repo cp .config (linux folder ka path poora) make menuconfig /->esc then escape/ make -j2 make modules\_install cp -v arch/x86\_64/boot/bzImage /boot/vmlinuz-linux5198 mkinitcpio -k 5.19.8 -g /boot/initramfs-linux5198.img cp System.map /boot/System.map-linux5198 cp /boot/System.map-linux5198 System.map grub-mkconfig -o /boot/grub/grub.cfg update-grub reboot

Test: gcc test.c -o test ./test