

First we add 2d\_memcpy as a system call in linux-5.14.3/arch/x86/entry/syscalls/syscall\_64.tbl  
At 448 number,

Then we define our syscall in kernel/sys.c  
Then compile the kernel and reboot

For patching we use git.diff it creates a patch which shows the difference we have made to all the files.

Syscall 2d\_memcpy :

It takes input \*src , \*dest pointers and then copies the data integer by integer, row-wise,  
Using copy\_from\_user and copy\_to\_user.  
Return 0 on successful implementation

Test.c

It defines a 2d array and call sys\_2d\_memcpy using syscall()