**COMMANDS TO EXECUTED THE  DRIVERs**

HASH\_DRIVER

1. Update the paths of SDK in the first 3 lines of Makefile.

2. Copy all the files to same location and run the makefile in the respective folders

make os → to run on laptop

make → to run on Intel Galileo board

This would compile the required .c files and kernel modules as required.

3. **To Run on Galileo Board:** Copy stuff to Galileo via Ethernet

scp hashtester [root@192.168.1.10](mailto:root@192.168.1.10):/home/

scp Hash\_Driver.ko root@192.168.1.10:/home/

and then run the following commands to execute:

cd /home/

insmod Hash\_Driver.ko

./hashtester

4. **To Run on Linux OS Laptop:**

sudo insmod Hash\_Driver.ko

sudo ./hashtester

KPROBE\_DRIVER

1. Copy all the files to same location and run the makefile in the respective folders

2. Run the make file to compile the driver file (Mprobe.c)

3. Copy stuff to Galileo via Ethernet

scp kprobetester root@192.168.1.10:/home/

scp Hash\_Driver.ko root@192.168.1.10:/home/

scp Mprobe.ko [root@192.168.1.10](mailto:root@192.168.1.10):/home/

4. In galileo board, execute the following command:

cd /home/

insmod Hash\_Driver.ko

insmod Mprobe.ko

./kprobetester 1

To Check Output

to check kernel output: dmesg|grep “Mprobe”|grep “HT530”