By: Ritvik Raj Singh

**Roll No: CED171047** 

## **Compiling Module**

make -C /lib/modules/\$(uname -r)/build M=\$PWD modules

## **Check kernel log**

lsmod | grep ex

## **Inserting Module in kernel**

sudo insmod ./Q3.ko

### Log

cat /proc/devices

# **Adding Character driver**

sudo mknod -m 666 /dev/Q3 c 420 0 (Giving 420 node access) ls -l /dev/Q3

Node 420 for device driver

## **Continuous Log Check (read ,write operations)**

### **Read Operation**

sudo cat /dev/Q3 (read operation)

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#### **Write Operation**

Echo "testQ3" > /dev/Q3 (write operation)

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#### **Close Module**

sudo rmmod Q3