Question 1:

```
Terminal File Edit View Search Terminal Help

antitahypp:-/ntechnaster/os/kernal/reads nake
nake -(1/th/nodules/1-1.0-0.38-generic/build h=|hone/anrit/ntechnaster/os/kernal/read nodules
nake[1]: Entering directory '/usr/src/Linux-headers-4.10.0-38-generic'
Building nodules, stage 2.
NoDPOSI 1 nodules
NODPOSI 1 nodule
```

- First we are running a make command, so that the codes in makefile is excuted.
- Once its compiled we insert the ko file into the kernal.
- Now we can see the demesg as proc file created, and a file is created over there.
- When we remove the ko from the kernal, the file is also removed, and a dmesg is dispalyed.

Question 5:

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Terminal File Edit View Search Terminal Help
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                               0310 PQ: 0 ANSI: 2
```

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                                                                                                                        [33464.352140] usb 1-1.4: SerialNumber: 0123456789ABCDEF
[33464.354698] usb-storage 1-1.4:1.1: USB Mass Storage device detected scsi host4: usb-storage 1-1.4:1.1
[33464.354987] usb 1-1.4: USB disconnect, device number 15
[33465.174314] usb 1-1.4: new high-speed USB device number 16 using ehci-pci [33465.284113] usb 1-1.4: New USB device found, idVendor=271d, idProduct=2017
     33465.284116 usb 1-1.4: New USB device strings: Mfr=2, Product=3, SerialNumber=4
    [33465.284118] usb 1-1.4: Product: P2M
     [33465.284119] usb 1-1.4: Manufacturer: GiONEE
[33465.284121] usb 1-1.4: SerialNumber: 0123456789ABCDEF
[33465.286569] usb-storage 1-1.4:1.1: USB Mass Storage device detected [33465.287011] scsi host4: usb-storage 1-1.4:1.1

[33466.311323] scsi 4:0:0:0: CD-ROM GiONEE WBW5612A
                                                                                                                             0310 PO: 0 ANS
[33466.313882] sr 4:0:0:0: [sr0] scsi-1 drive
[33466.314147] sr 4:0:0:0: Attached scsi CD-ROM sr0
[33466.314346] sr 4:0:0:0: Attached scsi generic sg1 type 5
[33704.306610] usb 1-1.4: USB disconnect, device number 16
    [34024.855455] cr0 = 0x80050033
[34024.855456] cr2 = 0xE39A9A88
[34024.855457] cr3 = 0x76A5C000
[34607.850583] cr3 = 0x6F4AA000
[35257.448861] cr3: 5965914112
    amrit@mypc:~/mtechmaster/os/kernal/cr3$
```

The value of cr3 is printing here.