❖ How to add our own driver to kernel source code?

❖ Step1:

- ❖ Create a directory in
- ❖ Linux 6.5.2 source code/drivers/your directory
- ❖ In that directory place
- ❖ -->Driver.c
- ❖ -->Kconfig file
- ❖ How to write Kconfig file
- ❖ **config MY_DRIVER**
- ❖ **tristate "Pranav driver"**
- ❖ **help**
- ❖ **This is a custom character driver for MyDevice hardware.**

❖ -->Make file

- ❖ **Obj-$(CONFIG_MY_DRIVER) += own_driver.o**

- ❖ Then change the drivers makefile and kconfig file
- ❖ Linux-6.5.2/drivers/Makefile
- ❖ In makefile: **obj-$(CONFIG_MY_DRIVER)   += Pranav_driver/**
- ❖ Linux-6.5.2/drivers/Kconfig
- ❖ In Kconfig file: **source "drivers/Pranav_driver/Kconfig"**

- ❖ Then final change in
- ❖ Linux-6.5.2/arch/x-86/config/--deconfig
- ❖ Add this in that file
- ❖ **CONFIG_MY_DRIVER=y**