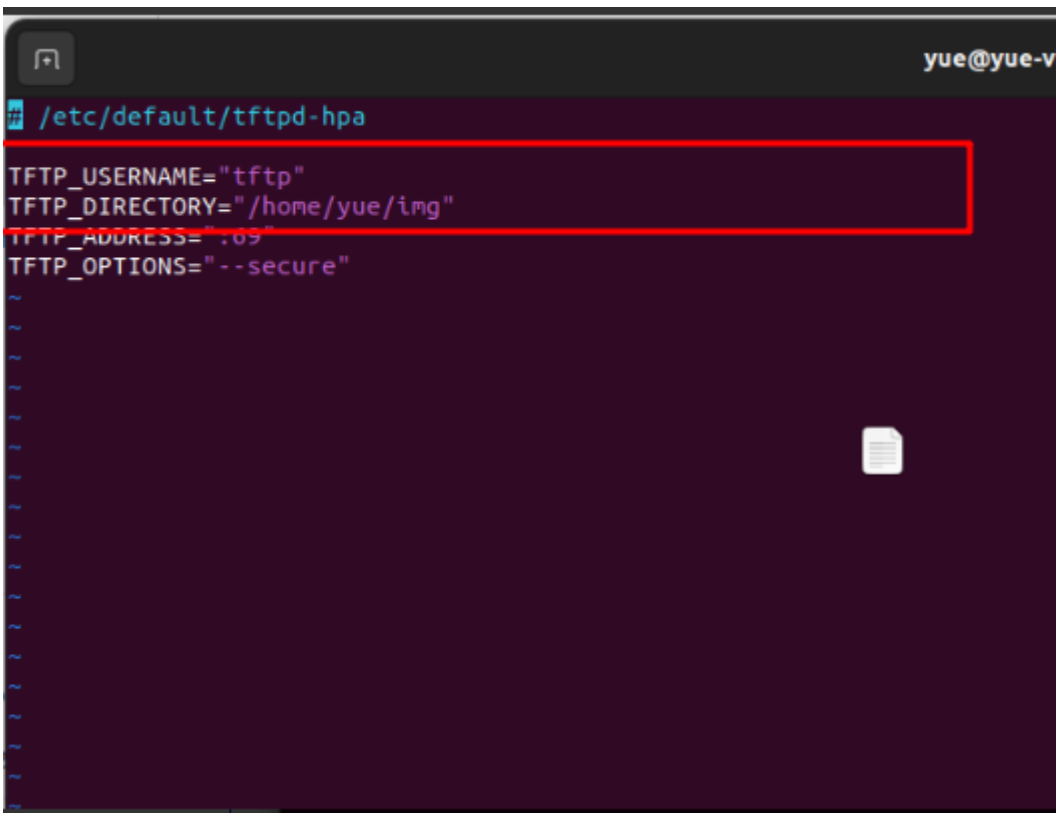
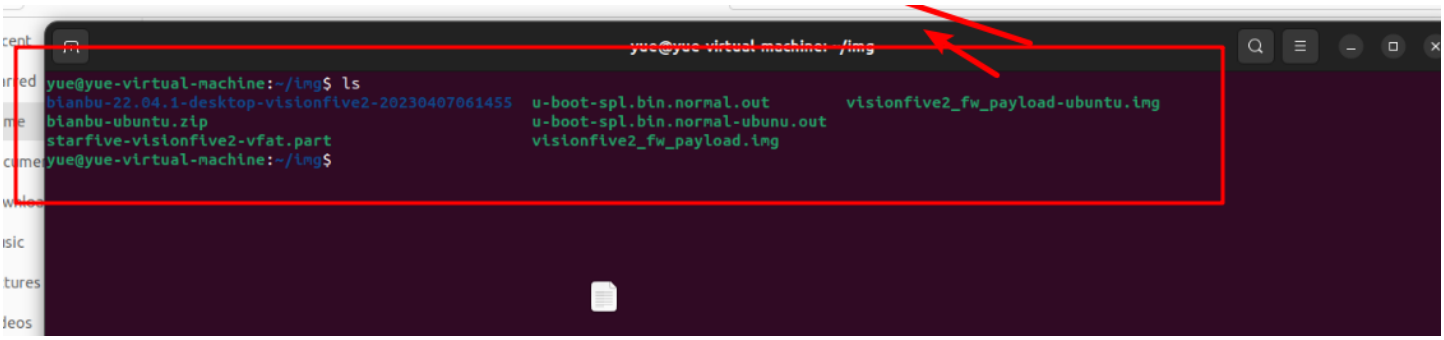
Roma update spl / u-boot

Method 1

```
sudo apt-get update
sudo apt install tftpd-hpa
sudo systemctl status tftpd-hpa
```

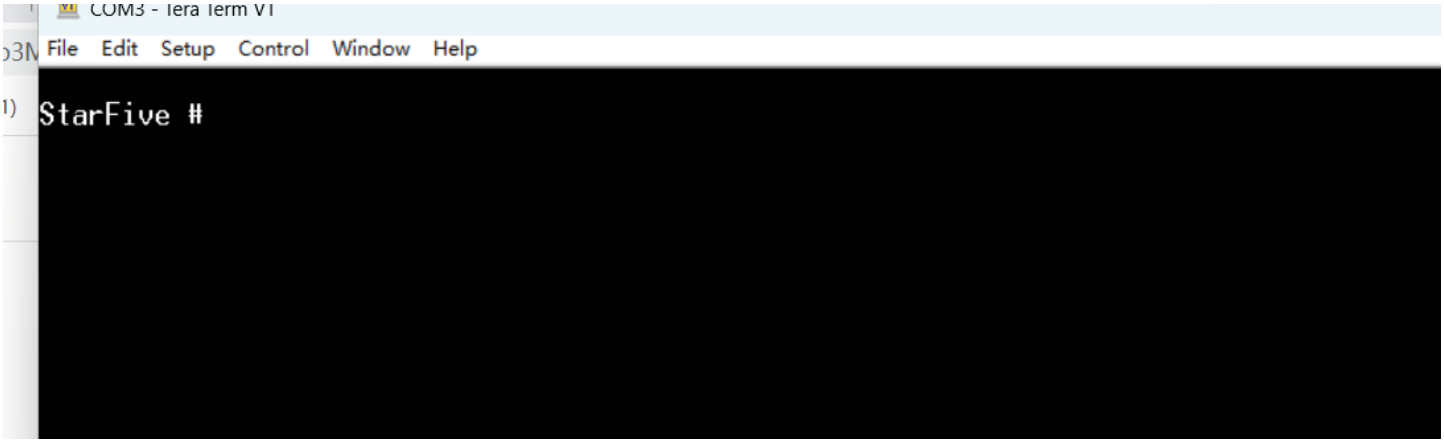

```
# Modify Configuration
vim /etc/default/tftpd-hpa
```



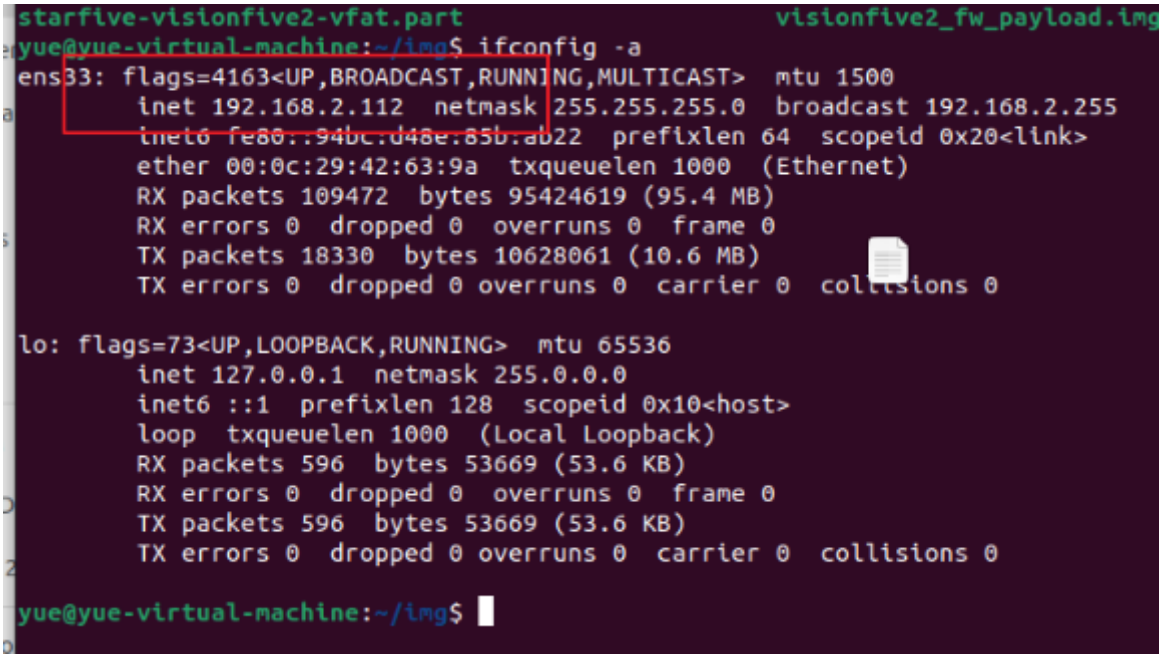



```
1 sudo systemctl restart tftpd-hpa  #reboot
```

Enter the u-boot mode through the serial port and update the settings (remember to connect the network cable during this process)



Tftp server address



Set the local IP and server IP on the serial port

```
setenv ipaddr 192.168.2.123
```

```
Unknown command 'setenv' - try 'help'
StarFive # setenv ipaddr 192.168.2.123
StarFive # saveenv
Saving Environment to SPIFlash... Erasing SPI flash...Writing to SPI flash...done
OK
StarFive #
```

```
setenv serverip 192.168.2.112
```

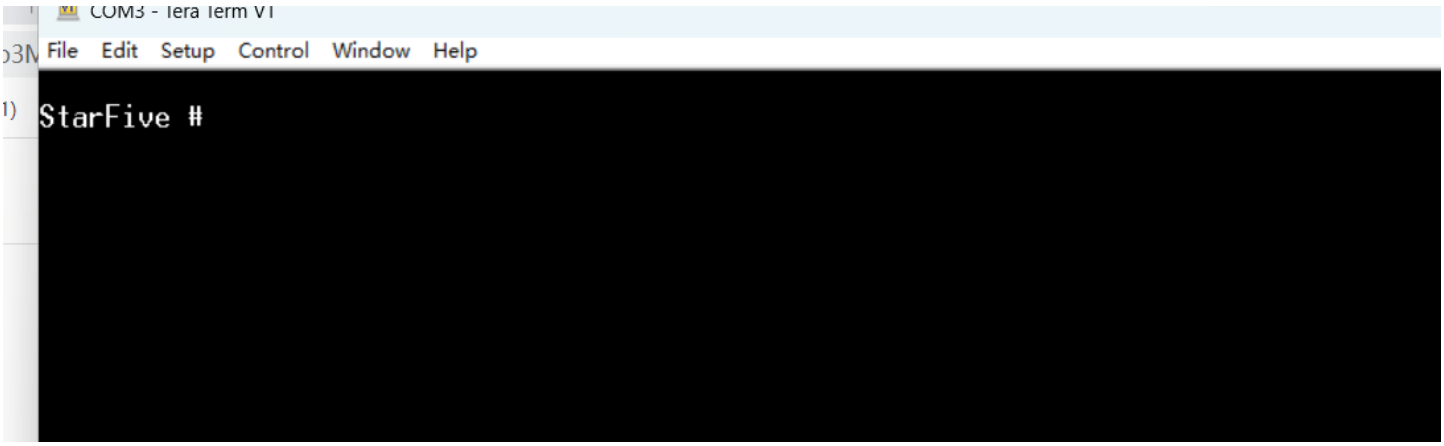
```
StarFive # setenv serverip 192.168.2.112
StarFive # saveenv
Saving Environment to SPIFlash... Erasing SPI flash...Writing to SPI flash...done
OK
```

```
sf probe
tftpboot 0xa0000000 192.168.2.112:u-boot-spl.bin.normal.out
sf update 0xa0000000 0x0 $filesize
tftpboot 0xa0000000 192.168.2.112:visionfive2_fw_payload.img
sf update 0xa0000000 0x100000 $filesize

```

Method 2

Enter UBOOT



Parody

```
#If using EMMC copy, use mmc dev 0
```

```
#If using SD copy, please ensure that the SD card is inserted
Mmc dev 1
#Read mmc u boot spl
#0x300 represents 768 sectors, depending on the size of the u-boot spl file, whi
Mmc read 0xa000000 0x1000 0x300
Sf probe
#Write u-boot spl to SPI Flash
#0x6000=0x300 * 512
Sf update 0xa000000 0x0 0x60000
#Read mmc visionfive2_ Fw_ Payload
#0x2000 represents 8192 sectors, depending on visionfive2_ Fw_ The payload file
Mmc read 0xa000000 0x2000 0x2000
#Write visionfive2_ Fw_ Payload to SPI Flash
#0x400000=0x2000 * 512
Sf update 0xa000000 0x100000 0x400000
#Clear spi uboot
Sf probe
Sf erase 0 0x1000000
```

Notes on updating SPI and UBoot

```
env default -a -f
saveenv
boot
```

Spl / u-boot Download address

http://120.92.155.32:8082/ui/native/riscv/JH7110/SDK3.6.1/