

WLFJAD001 – Prac1 EEE3095S

GitHub link: [jadonwolffs/eee3095s](https://github.com/jadonwolffs/eee3095s)

1. Running ls to show the wlfjad001 dir

```
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Prac1/docs/EEE3096S_Prac_1.pdf
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ ls
docs  template.py
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ mkdir wlfjad001
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ ls
docs  template.py  wlfjad001
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ |
```

2. Running ifconfig to show adaptor settings

```
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ mkdir wlfjad001
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ ls
docs  template.py  wlfjad001
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.137.15 netmask 255.255.255.0 broadcast 192.168.137.255
    inet6 fe80::ba27:ebff:fea1:1a3f prefixlen 64 scopeid 0x20<link>
    ether b8:27:eb:a1:1a:3f txqueuelen 1000 (Ethernet)
    RX packets 600 bytes 177352 (173.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 479 bytes 57090 (55.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 13 bytes 764 (764.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 13 bytes 764 (764.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether b8:27:eb:f4:4f:6a txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

3. Running lscpu to show the details of the CPU on the Pi

```
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ lscpu
Architecture:        armv7l
Byte Order:          Little Endian
CPU(s):              4
On-line CPU(s) list: 0-3
Thread(s) per core:  1
Core(s) per socket:  4
Socket(s):            1
Model:               4
Model name:           ARMv7 Processor rev 4 (v7l)
CPU max MHz:         1400.0000
CPU min MHz:          600.0000
BogoMIPS:             38.40
Flags:                half thumb fastmult vfp edsp neon vfpv3 tls vfpv4 idiva idivt vfpd32 lpae evtstrm crc32
pi@piWolff3B:~/Documents/eee3095S/Prac1 $ |
```