```
student@ai-HP-ProDesk-600-G4-MT:~

student@ai-HP-ProDesk-600-G4-MT:~

i lo: <.LOOPBACK,UP,LOMER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00
inet 127.00.0.1/8 scope host
valid_lft forever preferred_lft forever
lneto:::/128 scope host
valid_lft forever preferred_lft forever
2: eno1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
link/ether 10:e7:c6:39:92:56 brd ff:fff:fff:ff
altname enp0s31f6

3: wlp2s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
link/ether fc:01:7c:8e:33:71 brd ff:fff:fff:ff
inet 172.50.11.81/20 brd 172.50.15.255 scope global dynamic noprefixroute wlp2s0
valid_lft 14393sec preferred_lft 14393sec
lneto fe80::3a4:993c:5222:2450/64 scope link noprefixroute
valid_lft forever preferred_lft forever
```

```
studentabal-IM-Proposit-600-G4-MT1-5 ssh Student@172.50.10.58
student@172.50.10.581*s password:
Welcome to Ubuntu 20.04.6 LTS (GMU/Linux 5.15.0-87-generic x80_64)

* Documentation: https://landacape.canonical.com
* Support: https://support.
```

```
student@at-HP-Probesk-600-G4-MT:-/Desktop/422160/unix$ ./a.out

Bucket 0: (10, 20) -> (40, 50) -> NULL

Bucket 1: NULL

Bucket 2: NULL

Bucket 3: NULL

Bucket 4: NULL

Bucket 5: (25, 30) -> (35, 60) -> NULL

Bucket 5: (NULL

Bucket 7: NULL

Bucket 7: NULL

Bucket 7: NULL

Bucket 8: NULL

Bucket 9: NULL

Bucket 9: NULL

Sucket 8: NULL

Sucket 9: NULL

Sucket 8: NULL

Sucket 9: NULL

Sucket 9: NULL

Sucket 6: NULL

Sucket 7: NULL

Sucket 8: NULL

Sucket 9: NUL
```