

The node implementation is tested with the help of my classmate and his laptop. The connection is established through a local wireless network.

```
wlp2s0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.6 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::9a18:65e0:5740:b305 prefixlen 64 scopeid 0x20<link>
    ether 28:c6:3f:fa:d8:ea txqueuelen 1000 (Ethernet)
    RX packets 103129 bytes 127187062 (127.1 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 41502 bytes 5487596 (5.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
temur@temur-TM1701:~$
```

```
abdurasul@abdurasul:~/Desktop/Temur$ gcc -pthread node.c
abdurasul@abdurasul:~/Desktop/Temur$ ./a.out
[MAIN] Enter the first peer "ip port" >> 192.168.1.6 2001
[FIND FILE] Input file name: text_file
[FILE] OK
[FILE] Size in words: 7
[FILE] Text: I'm very tired. Please, finish this course!
[FIND FILE] Input file name: |
```

```
[FIND FILE] Input file name: ^C
temur@temur-TM1701:~/Documents/Spring2019/Networks/Tasks/Week08$ ./node
[MAIN] Enter the first peer "ip port" >> 127.0.0.1 2001
[FIND FILE] Input file name: text_file
[FILE] OK
[FILE] Size in words: 7
[FILE] Text: I'm very tired. Please, finish this course!
[FIND FILE] Input file name: |
```