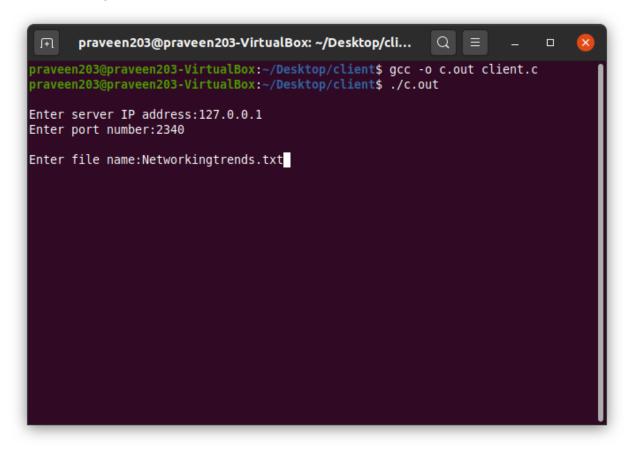
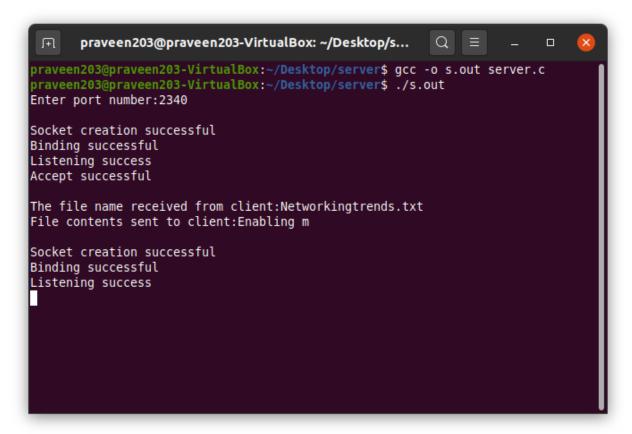
Computer Networks Lab 5

1. Server accepting port number as input parameter:

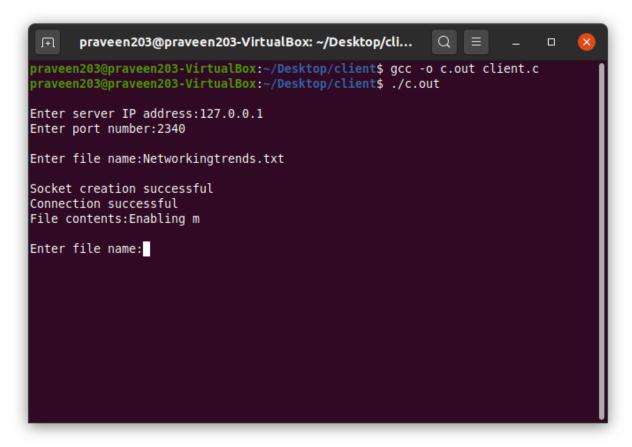
2. Client accepting server IP address, server port number and the file name:



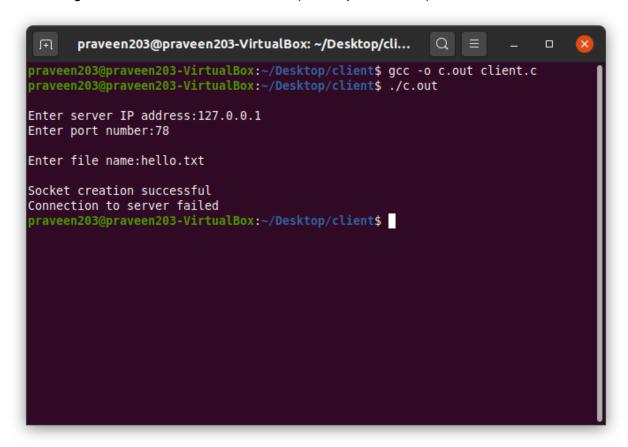
3. Server accepting connect request and sending file contents:



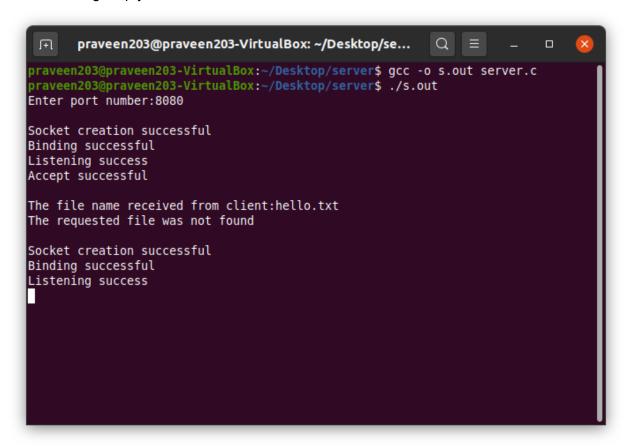
4. Client receiving the file contents from the server and storing the data in a new file:



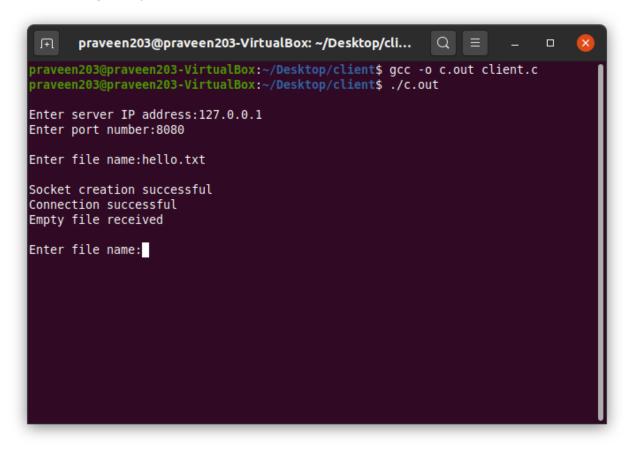
5. Client failing to connect - server unreachable (invalid port number) :



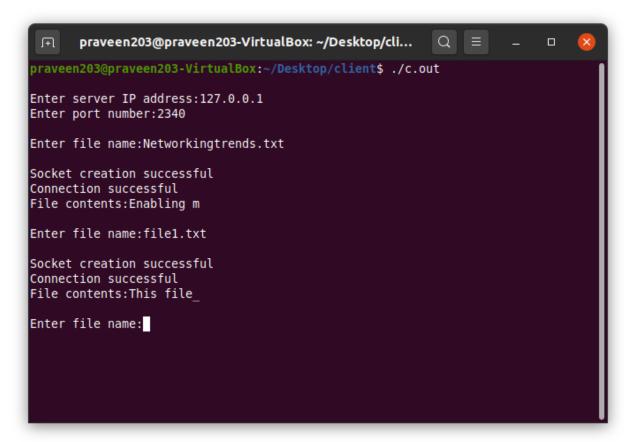
6. Server sending empty file:



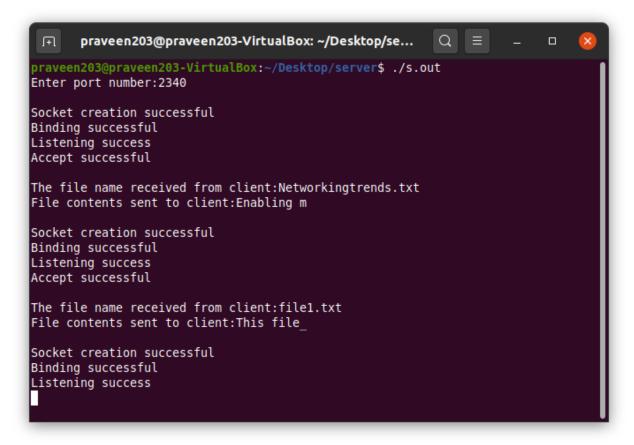
7. Client receiving empty file:



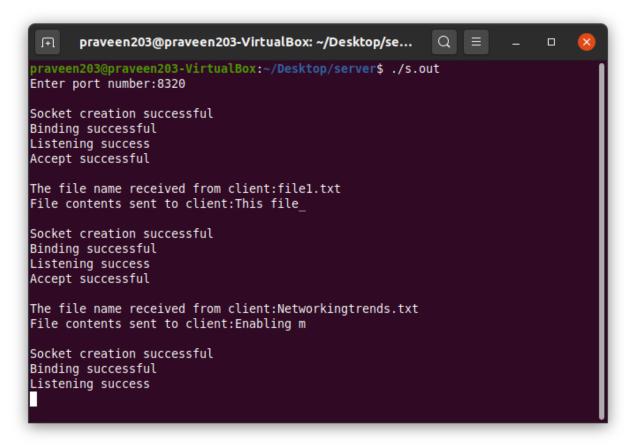
8. Client requesting and receiving multiple files:



9. Server sending multiple files:



10. Server responding to newly joining clients (after the old one left):



11. New clients joining on the fly and sending requests:

```
praveen203@praveen203-VirtualBox: ~/Desktop/cli...
                                                         Q
                                                                         praveen203@praveen203-VirtualBox:~/Desktop/client$ ./c.out
Enter server IP address:127.0.0.1
Enter port number:8320
Enter file name:file1.txt
Socket creation successful
Connection successful
File contents:This file
Enter file name:^C
praveen203@praveen203-VirtualBox:~/Desktop/client$ ./c.out
Enter server IP address:127.0.0.1
Enter port number:8320
Enter file name:Networkingtrends.txt
Socket creation successful
Connection successful
File contents:Enabling m
Enter file name:
```

12. Client receiving error after server leaving midway:

```
praveen203@praveen203-VirtualBox: ~/Desktop/cli... Q = - □ S

praveen203@praveen203-VirtualBox: ~/Desktop/client$ ./c.out

Enter server IP address:127.0.0.1
Enter port number:8320

Enter file name:Networkingtrends.txt

Socket creation successful
Connection successful
File contents:Enabling m

Enter file name:file2.txt

Socket creation successful
Connection to server failed
praveen203@praveen203-VirtualBox: ~/Desktop/client$
```