COMP 7005 Computer Networks & Protocols

Assignment-02
Testing

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	Test 09	. 8
	Test 10	. 9
	Test 11	. 9
	Test 12	. 9
	Test 13	10
	Test 14	10
	Test 15	10
	Test 16	11
	Test 17	11
	Test 18	12
	Test 19	12
	Test 20	13
	Test 21	13
	Test 22	14
	Test 23	14
	Test 24	15
	Test 25	15
	Test 26	16
	Test 27	17
	Test 28	18

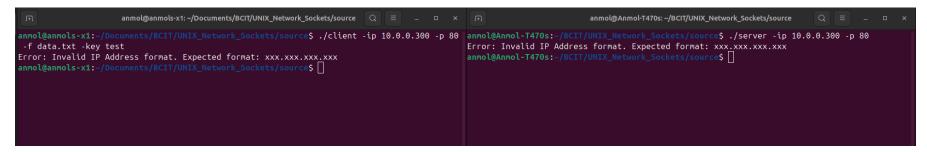
Test	Expected	Actual	Screenshot
IP is not proper length	fail	fail	Test 1
IP segment out of range	fail	fail	Test 2
IP have a char in it	fail	fail	Test 3
Port number is put of range	fail	fail	Test 4
Port number have a char in it	fail	fail	Test 5
Port number have 0s in front (eg 0022)	fail	fail	Test 6
Incorrect number of arguments	fail	fail	Test 7
2 consecutive dots in IP (eg 100.0.1)	fail	fail	Test 8
Empty file name	fail	fail	Test 9
Empty IP	fail	fail	Test 10
Empty port	fail	fail	Test 11
Empty key	fail	fail	Test 12
IP ending with start or end with dot	fail	fail	Test 13
Numbers in Key	fail	fail	Test 14
Small line with !	pass	pass	Test 15
one line sentence	pass	pass	Test 16
one letter file	pass	pass	Test 17
Sending Numbers to Encrypt (Remained unchanged)	pass	pass	Test 18
Sending Symbols to Encrypt (Remained unchanged)	pass	pass	Test 19
combination of alphabets, number and symbols	pass	pass	Test 20
Upper case alphabets	pass	pass	Test 21
Lower Case alphabets	pass	pass	Test 22
Upper Case + Lower Case	pass	pass	Test 23
Empty File	fail	fail	Test 24
File with Just Spaces	pass	pass	Test 25

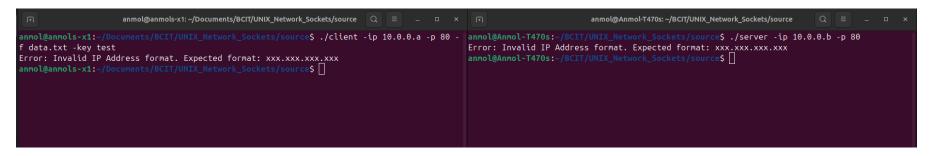
ASCII Code (Remain Unchange)	pass	pass	Test 26
Long File	pass	pass	Test 27
Not a Text file but HML	pass	pass	Test 28

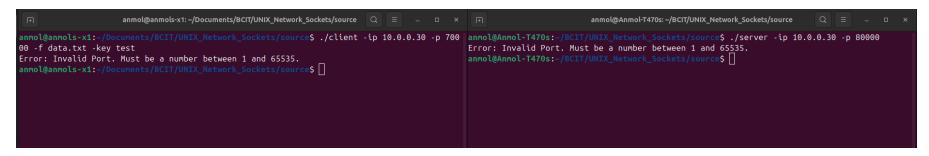
Tests

Test 01

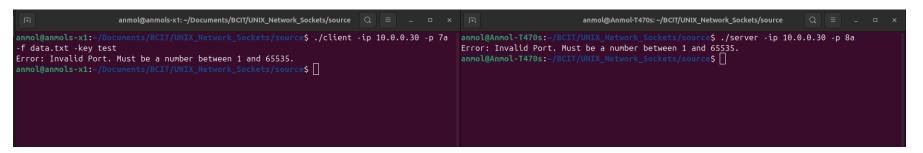
Test 02

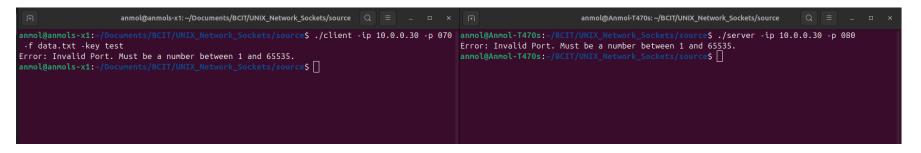


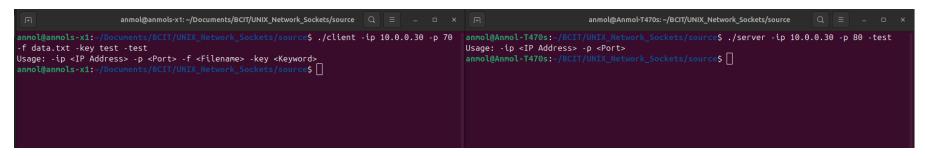




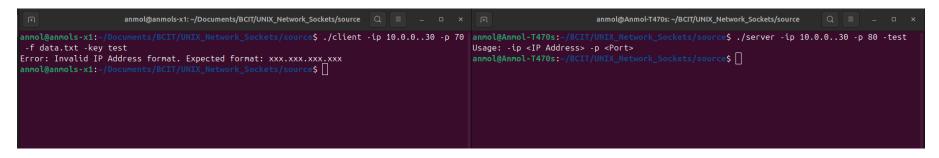
Test 05



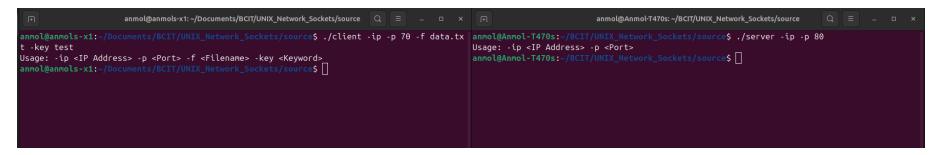




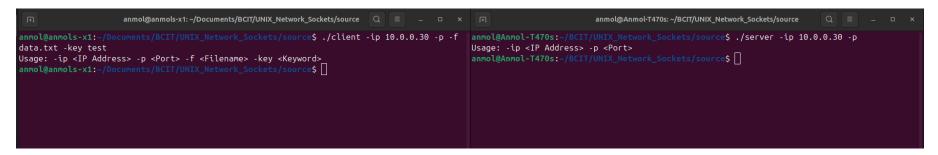
Test 08

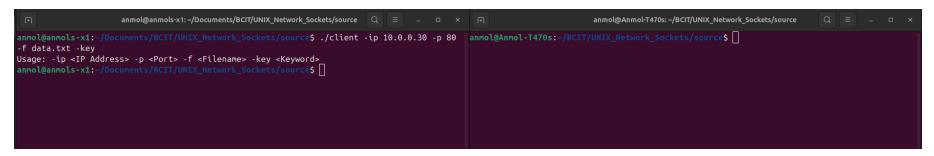




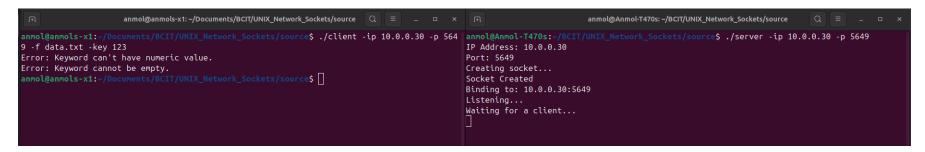


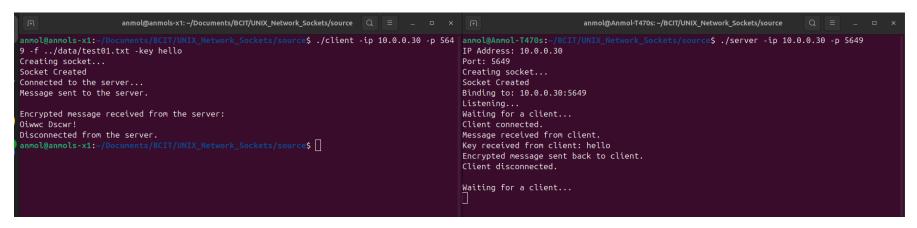
Test 11

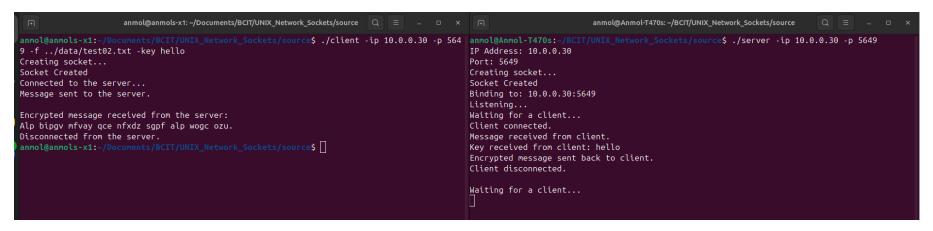


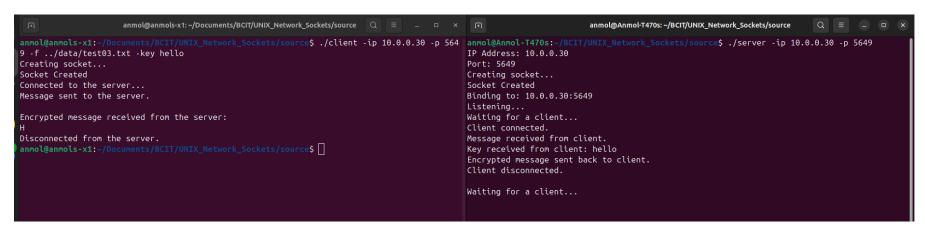


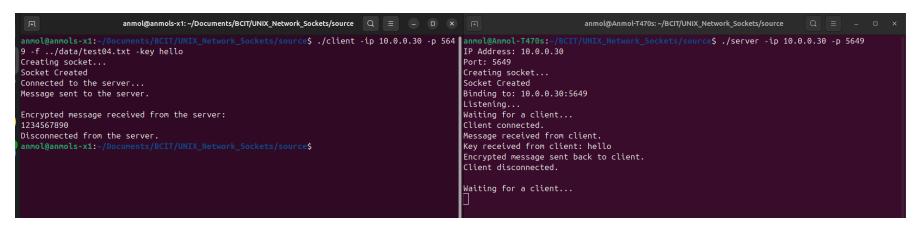
Test 14

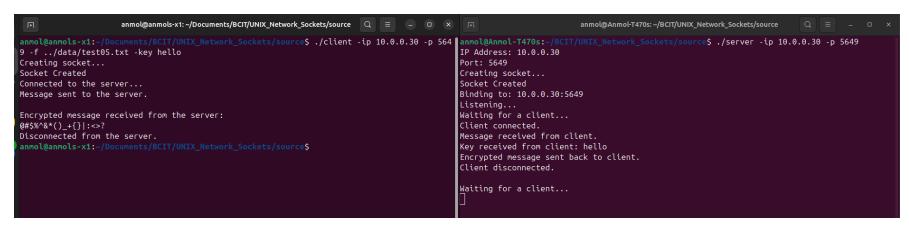












```
anmol@anmols-x1: ~/Documents/BCIT/UNIX_Network_Sockets/source Q = _ □ × 🖪
                                                                                                                      anmol@Anmol-T470s: ~/BCIT/UNIX_Network_Sockets/source
anmol@anmols-x1:~/Documents/BCIT/UNIX_Network_Sockets/source$ ./client -ip 10.0.0.30 -p 564 anmol@Anmol-T470s:~/BCIT/UNIX_Network_Sockets/source$ ./server -ip 10.0.0.30 -p 5649
9 -f ../data/test06.txt -key hello
                                                                                             IP Address: 10.0.0.30
Creating socket...
                                                                                             Port: 5649
Socket Created
                                                                                             Creating socket...
Connected to the server...
                                                                                             Socket Created
                                                                                             Binding to: 10.0.0.30:5649
Message sent to the server.
                                                                                             Listening...
Encrypted message received from the server:
                                                                                             Waiting for a client...
Weddk0yh123!
                                                                                             Client connected.
Disconnected from the server.
                                                                                             Message received from client.
anmol@anmols-x1:~/Documents/BCIT/UNIX_Network_Sockets/source$
                                                                                             Key received from client: hello
                                                                                             Encrypted message sent back to client.
                                                                                             Client disconnected.
                                                                                             Waiting for a client...
```

