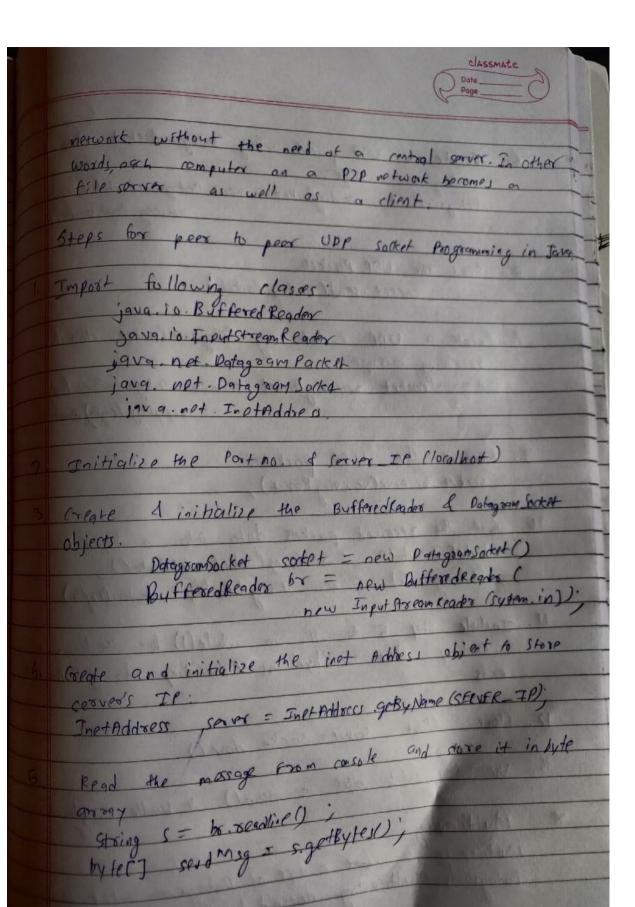
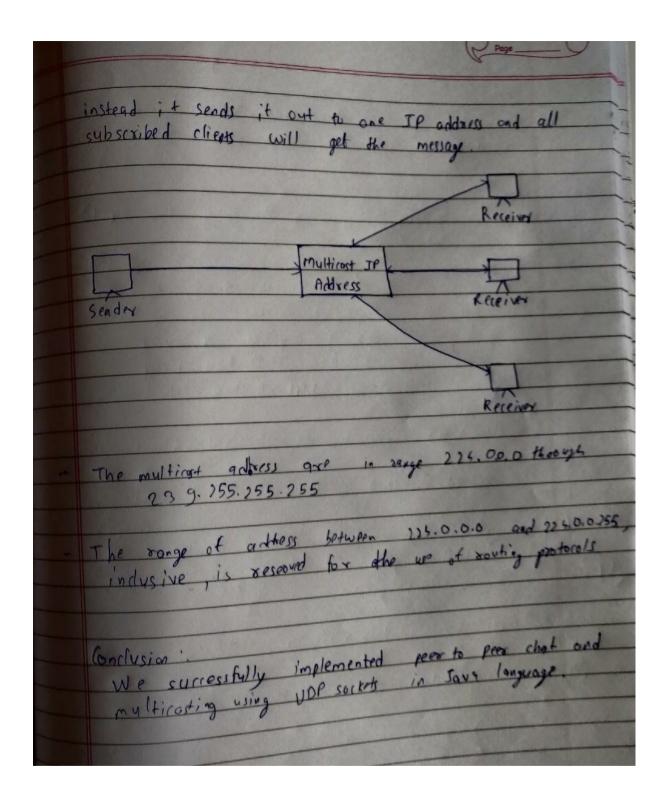
Writeup

2 19 13	
	Assignment No. B4
	Assignment No. B
21 3360	The state of the s
	Title: UDP using Tova
200	managem using up service joy
330 35	Proble Statement: Write a party implement wixed network to implement
were the	a. Peer to frey Chat b. Multiuse chat.
"Segui	Demonstrate the partots captured traces using Wireshort
N. N.	Demonstrate the partos captures Racket Analyzer Tool
wester.	Packet Anglyzer 1001.
19.7	1 Telephone Control of the Control o
-	UT-layer SO KPA WILL
	2) Use UDP Sockets to implement Pear to Peer
199	Chat and multiboarting
	Requirements: Ubuntu Os, Wixeshirk Too)
	ACQUISONES CAMPAS RANGE OF THE STATE OF THE
NA 940	Theory & your situates ridous in a line
	The second of th
(4)	Network Socket: may a may a my
	A network socket is an interest endepoint for sending
	network deta at a single node in a computer
Android.	Mnetwork and him and sugarest in all in
	Concretely, It is a reprentation of this endpoint in
	networking goffware such as an entry in a table
Mary Land	1 11sting communication protocol destination status etc) and il
	a form of system resource
0	
(3)	fees to fees that:
	In a P2P network, the "peexs" are compyter systems
	contitted to each the will be i torred
	Files can be shorted directly between systems on the
100	



1/2	Page
	hold close for
6.	Create a UDP parted using Datagrammarket class for sending the message: Datagrammaret sendinglasset = new Dat grammartel (sending) syding legt, sower, foot)
-	Potos som Parent sendinglasket = new Dat gram Partet (Sending)
	sind mag legte, sower, feet)
100	
7	Send the UDP Packet
	sorret send and gladet)
8	
	receiving mossage:
	Dat og ram Packet sereiving Rechet = new Datego am Patet Copy of
	(xeate a UDP Packet view Dategram Packet class for receiving mossage: Dategram Packet seceiving Recket = new Ontegram Packet (notyping) Teply Mizi length) and form
9	Receive the UDP packet: Socket receive (receiving Porket);
W. 3 SR .	Succer Selvine (See, Ving 1 deat),
10.	gove the received packets date into a bute assay:
. (byter I data = reciving Parket get Dorte ()
	byteld data = received packets data into a byte array. byteld data = receiving lacket get Doctor(); String SI = new String (data, 6, data-length)
1000	
11.	Include step 5 to 11 in while (1) too continous message
	ends Use "bye" as terminating string on both
10	Total Marine Court of Children Spill Marine Classical
12.	(lose (light socket: socket dose ()
10	AND AND AND AND ASSESSMENT ASSESSMENT AND ASSESSMENT ASSESSMEN
13.	Use fry eatth block in main!) to handle Exceptions,
. b	Caldina of the party
X	Multiagring: (Mala)
	Multicoping is one a type of Datagram Socket. Unlike regular.
	Datagrams my Hicasting doesn't handle each client individually



Code

-----P2pclient.java

```
package udp;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
```

```
InputStreamReader(System.in));
```

-----P2pserver.java

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.net.SocketException;
import java.nio.charset.StandardCharsets;

public class P2pserver {
    public static void main(String[] args) throws SocketException, IOException {
```

```
serverSocket.send(sendPacket);
```

-----Multicastclient.java

-----Multicastserver.java

Outputs

