output:
\$.1 server

Listening

client 1

\$. 1 client

Hello

Acciond: Hello

Hi

Received: Good morning

Do yo have some work now?

Received, yes, will tak later

Bye thun

Recived: Bye

\$ 1c

Client & disconnected !

client 2

\$. / client

Hello

Richard : Hi

Good morning

Received: Doyon have

Some work now?

yes, will talk later

Received: Bye Mun

bye

* C

5. White a program to implement concurrent that evener that allows current logged in were to comunicate with the

Il Serve

#include <sfdiosh> #include <stdlib.hr

Enclude enet cout / in. h>

include < sys/types.h>
include < cess/socket.h>
include < cuistd.h>

include < storing. h>

include < arpa/inet. h>

include < fartl. h}

define BAFSIZE 1024 # define PORT 5000

define IP (NADOR-ANY

define BACKLOG 5

void eurofunc (int sockfd!, int sockfd?)

Char buf [BUFSIZE];

ent = ricer (sockfd 2, buf, BUFSIZE, 0);

if (cut==0)
q puintf ("Client 2 disconnected") 3 eni+(0)}

Teacher's Signature:

R.V. COLLEGE OF ENGINEERING

OBSERVATION / DATA SHEET

Date	NameN.c., SOHAN
Dept./Lab	ClassExpt./No5
Title	hamed c. count (preconnected ,):
	wuite (1, buf, But);
	print(("2\n");
	1 AMESTER D
	while (cut = necr (sockfd1, buf, BUFSIZE,0)}
· laul;	gend (sockfd2, buf, cat, 0);
	white (1, buf, cut);
	print ("1\n");
-(91)	bzero (buf, BUFSIZE);
ck_s nee	er a la la la purcire
	lund (sockfd1, buf, cut, 0);
	ilse & Samuel
"todate"	prints ("client 2 disconnected");
	close (sockfd1);
	close (sockfd1); close (cockfd2);
	Signature of Teacher incharge

```
write(1, buf, cnt);
puintf (12 \n");
bzero (buf, BUFSIZE);
```

printf (! client | disconnected ");

int main ()

struct sachaddr_in surv;
int listenfd, acceptfd1, acceptfd2, fval;
byzro (feurv, sizeof (serv));
serv. sin-family = AF_INET;
serv. sin-part = blons (poet);
serv. sin-addn. s-addn = btom (IP);
listenfd = socket (AF_INET, sock_STRE

D);
if (listenfd < 0)

{
 puintf (* unable to create socket "enit(o);
}

white 1, by , 615 ;

(325,309 had - 6858)

R.V

Date _

Dept./L

Title _

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Date	Name
Dept./Lab _	ClassExpt./No
Title	
	if (bind (liefenfol, (struct cockador*) furv, sizeof (serv)) == -1) { printf('Bind error"); enit(o); }
	{ printf('Bind error"); enit(0); }
	listen (listenfol, BACKLOUT);
	while (1)
	acceptfd1 = accept (listenfd, NVLL, NULL); iPrintf(" Accepted from client 1");
	(frint) (" Accepted from dient ("));
	accept fd 2 = accept (listen fd, NULL, NULL)
	if (acaptfd1 == -1 acceptfd2 == -1)
	print ("Owner acception).
	emit(o);
	servfunc (acceptfol), acceptfol2); Futurn 0; { //end. Signature of Teacher incharge
	kufurn 0; { //end. Signature of Teacher incharge

Date	-	1	-	_	-	-	1	_	_	_	_	

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Date	Name	M. C. SOHAI	0
Dept./Lab	Class	Expt./No.	5
Title	(0==	1	
11 Client	("Enroun")) Bring .	
# include <	stdio. hy	Crist.	
# include «	estalib.h>		
	cunistd.h.	tooled = socket	
# include	< sys / typu.h	١)	
11 1 1	< sys / socket	I A A A A A A A A A A A A A A A A A A A	
# include	< nitinit/	in 45	
# include	< arpa/inet		
# define	BUFSIZE 102	4	
# dyine	PORT 5000		
V	IP 127,	to the translation of the same	
int mai	n ()	- Lout-	
§	puct sockadd	h in com	
11			
	cheer buf [B	/	
	int sockfd,	Cut; Signatu Teacher in	re of charge

```
bzero (4 eur, sizaf (sur));
 lerv. sin-family-AF-INET
 surv. sin_port = htons(PORT);
 if ( inet_phon (AF_INET, (vaid*) 4 surv. sin addit
       ==0)

printf ("Erron");

enit(0);
     Societé = socket (AF_INET, SOCK_STREAM, O)
     if ( connect (sockfd, ( struct sockadden * ) frenv
            size of (serv)) ==-1)
      print (" unable to connect ");

curor enit (0);
                 # define PORT 5000
      puint ("Enter messages: 15);
      Mont.
               int waim ()
         Char bud [ Bursize] ;
```

fut social cat; reacher inchan

Page No. 12 kpt. No. while (1) if (cut = read (1, buf, BUFSIZE)) nad lig printf (" In sent 7.5 \n", buf);

send (sockfd, buf, cnt, 0);

ent = recv(sockfd, buf, BUFSIEE, 0);

printf ("necv:");

white (1, buf, cut);

printf ("In");

bzuro (buf, BUFSIZE); AM, O) close (sockfd); section (0); Teacher's Signature: