R.V. COLLEGE OF ENGINEERING OBSERVATION / DATA SHEET

Date 11-01-2020	Name	SAKSHI	KAMAL	
Dept./Lab NPS	Class	5th Sem	Expt./No	
Title LAB INTERNALS	_			
listener. C				
#include < sys/types to>				
# wellede (sys/socketl.h>				
# niclude < netinet / incl.	, 			
* michide < aspa/met. h	(>			
# nichole < time h>				
# melude & string . h>				
# includex stdlib h>				
# michael < Stollo h>				
# define HELLO-PORT 1	2545			
# define HELLO-GROUP	° ° 2	25.0.0.	37 "	
# define MSG BUFSIZE	25			
int main (int argo ,	char	xargv[]))	
3 struct sock adole-in				
int fd, nbyles, add	elen;			
struct ip-mreg mreg	12		Signature Teacher inc	

```
chale magbuf [MSG BUFSIZE];
u-int yes=1;
if ((fd = socket (AF_INET, SOCK_DGRAM, O)) < 0)
        puror ( "sodert uror");
        wit(1);
  momset (& addr, 0, size of (addr));
  addl. sin_family = AF_INET;
  add . sin - addr . s - add = hto nl (INADDR - ANY);
   addi. sin-port = htons (HELLO-PORT);
  if (bind [ fd, (struct baladde +) & addl , siref (addr)) < 0).
        perror ("Bind");
         wit(1);
    mreg. imr_multiadr. S-addr = inet-addr (HELLO-GROUP);
    if ( sel sockept ( fd, IPPROTO - IP, IP-ADD MEMBERSHIP,
           I mreg, sicrof (mreg.) > 20)
     3
           perror (" set sockopt leror");
            seit(1);
      wehrle (1) {
             addlen = size of (adds);
             if ( (nbyles = recryptorn (bd, mogbuf, MSGBUFSize, O,
                    (struct sockadolin x) hadds, kaddelen))20)
                person (" reco from");
                 titl(1); puts (msq buf);
```

R.V. COLLEGE OF ENGINEERING OBSERVATION / DATA SHEET

Date
Dept./Lab N PS Class Sth Sem Expt./No
Title LAB INTERNALS
3
ζ
sender · C
#urclude (stolio h)
niclude < stdlib h
nichede < Sys/types. h>
include < Sys / sodat . h
melude carpa/met h
include < time . h >
include Lstring. h>
4 Oction HELLO-PORT
the doline HELLO-GARDON
main (wit algo, char kargv [])
I street sockadols-in addr;
ist ld. ent;
the tip meg, meg,
that k message = "RVCE-CSE"; Signature of Teacher incharge

```
up ( (fd = socket (AF-INET, SOCK-DGRAM, O)) 20)
     perror ( " socked ");
     exit(1);
4
memset ( & addl, o, sizeof (addl));
addi. sin-family = AF_INET;
adde. sin - port = htons (HELLO-PORT);
adde. sin-adde. s-adde = met-adde (HELLO-GROUP);
while (1)3
     if [ sendto ( fod, message, sirrof (message), 0)
          (struct sockadde +) & addl, sizef (addr)) < 6)
         perror ( " sendto");
        ocit(i);
      sleep(1);
```