	PART-B
01.	Waite a program for error detacting code
	using CRC-CC17 (16 bits)
	The same of the sa
	Heinclude Ziostream>
	Hinclude Estring.h>
al e	using namespace std;
· UNIV	int crc (chas "ip, chas "op, chas "poly, int nucl)
	2 & many or many many many many many many many many
	5+8 cpy (op, 1p);
	ef (mode) 3
	for (int i=1: icstolen (poly); i+1)
	Str cat (op, "o");
	The same of the same of the same
	for Cinti=0; icstrlenCip); i++) {
	if (op[i] == i) }
	-Soo (int j = 0; j c stolen (poly); j++) }
	if (op(i+1)==poly[i])
	opsitiste i
- 113	side else and bathanant all
	op [iti]=ij'
	nauli) der
	\$ 12/2/2011/2019
	}
	for Cinti= 0; ic stolen(op); it)
11	1100 11f (Op(:)= 1= "1") - by or light a contail
	return o
	rehanl
	}
	A hadren
	Company of the Compan
	ELBANC CO. Co. Change of the contract of

	Using Teplip sockets, write a client sexu program to make client sending the
3)	Heing Teplip sockets, write a client
No. of the last of	program to make client sending the
-	he name and seaves to send back
	contents of requested file
- A	the house the second opens.
-Client	Hindude Zunistd. h)
	int maine) ?
	oint soc, n;
	chas buffer Mozul, frame 150].
	S Fallo
	SUC = SOCKED (PF_INER SOCK_STREAM C
-	ouds are is a second of the se
-	- SIT-Family = AFINET
	0001-501-0085= 166-0000
	side sin address and signed and a
	COUCH SOCK and I a
	517,0510010-1111
	printer ("Chent is consisted to
	(1) (0) (7) (0) (0)
	Scant L' 75" thomas
	soci frame and
()	200 C. O. D. D. O.
	pointf ("f.s", buffer);
	7 return 0/
Sexyen.	# (nclude of the
Cida	Hunclude cotolonhs
	Hinclude caspainet.h)
	# include / fentl-h)
	(Unistd.h)

	DATE: PAGE;
4)	Using UDP sockets, worte a client server
	exparam to make client sending tilenam
	and the serves to send back the conteste
	& the requested his of present.
	and the supplementation of the supplementatio
	Himlude Z stalo, h) in illumination ille
	Hincludez stoings.h)
•	# include 294s/types.h)
NEWY	Hinclude Carpalmeths.
	Hindude Csys/socket-h)
	# include < netinet/in.h)
	Hochro POPT 5000
	H define MAXLINE 1000
	int main () } int production
	chas buffer [100]
	chas may = "Hello Client"
i idea	int listenfed, hen;
	struct sockaddr in servador chaddr)
W-lost.	bzero (& seavador, size of (scovador))
	listenfd=socket(AF_INET, SOCK-Daramo);
	serverdor-sin-addr & addr = hton/CimApprim
	seouoddr.sin_poot = htons (PORT);
J	scrueaddr sin-family = AFINET;
J	bind Clisten Fd. (stoud socieaddry)8
<i></i>	servador, sizeof (servaddi)
<i></i>	Ien = sizeof (diaddi)
	int n: recuform Clistenfd, buffer, sizof Colle
J	o, (stouct sockaddr') & chaddr, 86n);
م	buffer Inj= 10'
v	. puts Chuffes);
¥	sendto (ustenfol, mag, MAXLIME, O,
	(struct sockoder) Schoder, Sizof (chade)
	1

	DATE: PAGE.
	11 client daives program
	Hindude cstdio.n)
	Hundual Catologs. h)
	Hinclude (sys/types.h)
	Hinclude Caspa (in et. h)
	19 (nclude (sus/socket-h)
	Hindude (notine) /11.h)
	Hinclude Cunista. h)
	H include (stalib.h)
	Flatine PORT 5000
	# define MAXLINE 1000
	int main() }
	chas buffer [100];
	chas "msg = "Itello Server";
	int socked, n;
	stouct sockador in seavaddr;
	bzeso (8 seou addr, sizeof (seouddr)).
	seouaddr.sin_addr.s_addr-inet_addr(izz.o.ai)
	seavaddr. sin_post = htons (PORT);
	servadde, sin. family = AF-INET;
	socked = socketCAF_IMET, sock_param,o);
	if (1000ect (sockfd, (struct sockader) & servador,
	size of (sexuaddr)(0)
	}
	pantf(" 2000: Connect Faild")
	exit Co);
	3
1	send to (sock Fd, msq, MAXLINE, O, (shout sockout)
	MULL, 317eof (seproddr D)
	recufrom (sockfd, buffer, size of (buffer), o,
	(stouch sockaddry) HULL, HULL)
	puls (buffa);
	close (socief d):
	5