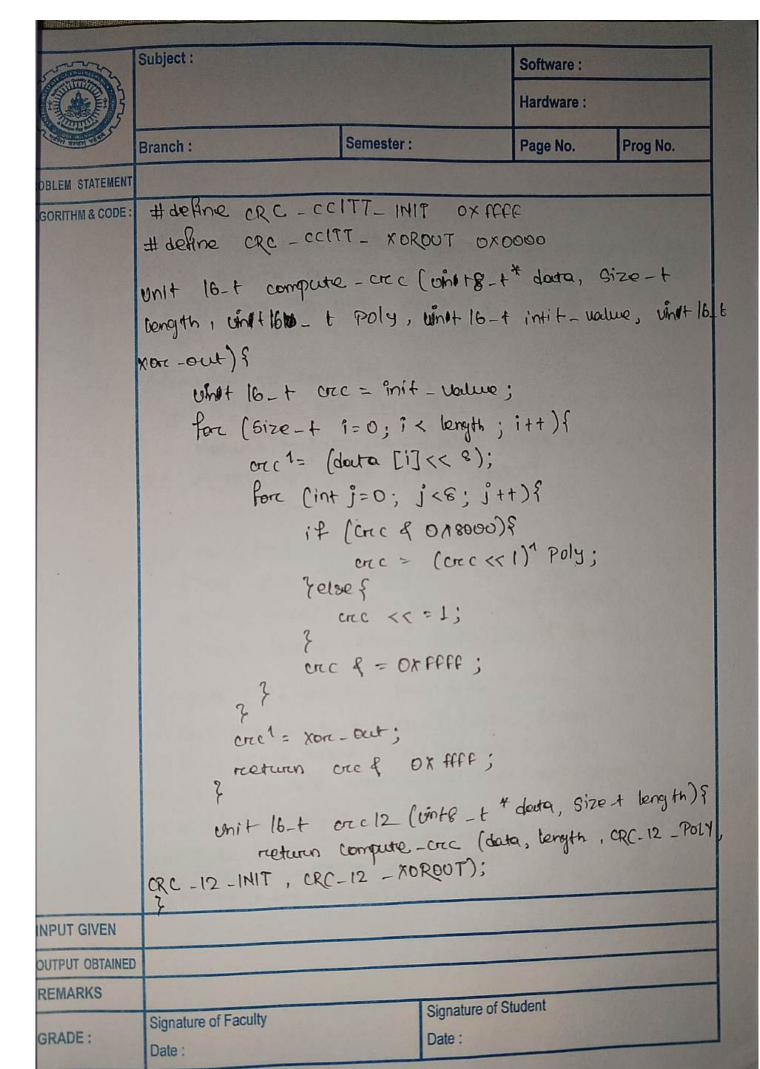
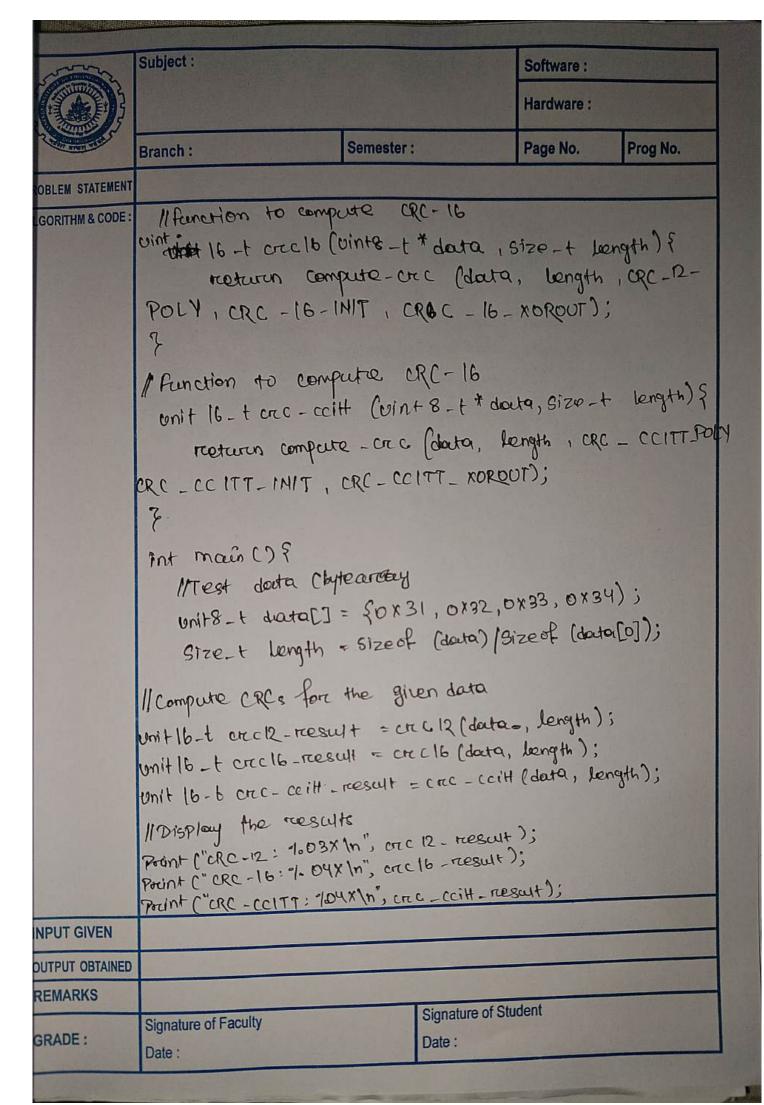
Survey S	Subject:					
				Software:		
				Hardware :		
	Branch:	Semester:		Page No.	Prog No. 2	
DBLEM STATEMENT	write a Program to CRC-12, CRC-16 an	compute	CRC code	Fore the Po	Prog No. 3	
	To compute the CRC-12, CRC-16 as CRC-12, CRC-16 as Communication conterespective polynomical the Polynomical Calculate the Calculate the Calculate the Calculate the Calculate the Garacess the Polynomical Calculate the Garacess the Polynomical Carc. C. Priogram for CRC. C. Priogram for CRC. C. Priogram for CRC. C. Priogram for CRC. Hinclude (Staint. h) the fine CRC-12 the fine CRC-12 the define CRC-12 the define CRC-16	CRC forces M CRC M CRC M CRC M Compus CRC Compus Lynomial CRC CRC NOTO POLY N OR OUT NOR OUT	collinglement toution. 80f xff TOXO FFF OX 0000	Polynomials a network befine to algorithm	like	
INPUT GIVEN						
OUTPUT OBTAINED						
REMARKS						
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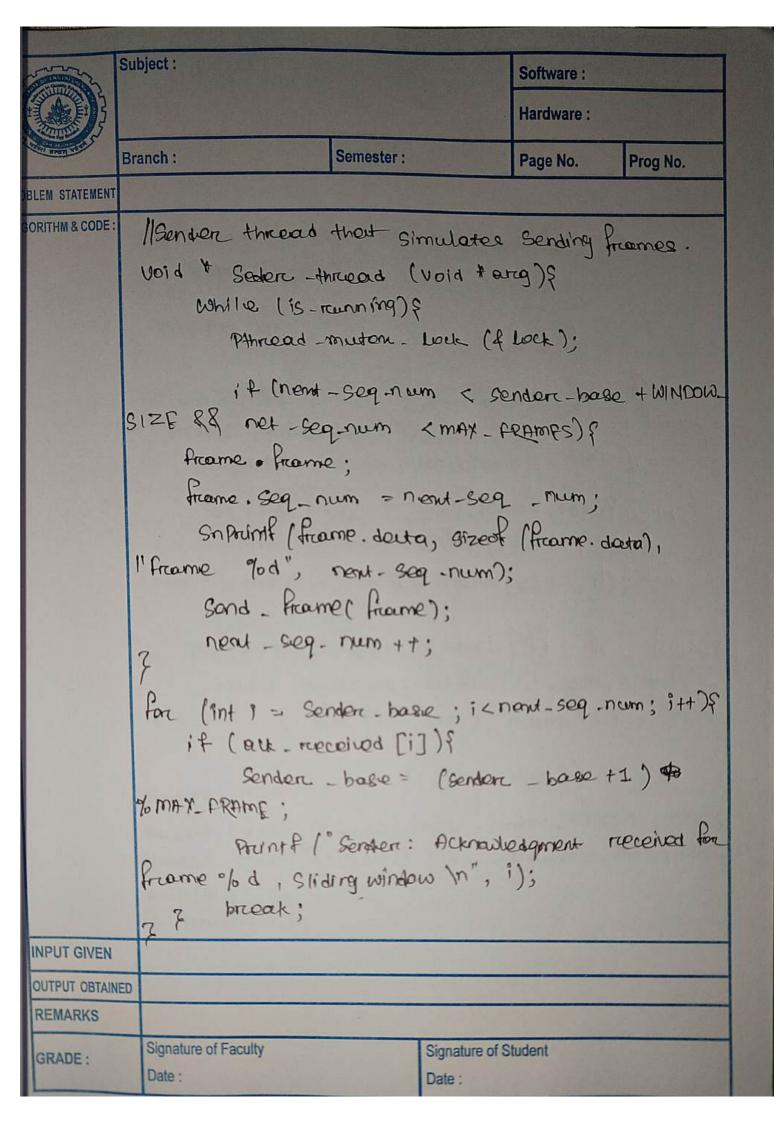
250	Subject:	Sontware:		
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The state of the s	Branch:	Semester:	Page No.	Prog No.
OBLEM STATEMENT				
GORITHM & CODE :		docta ?5 "1234"	The outpu	4 Will be
NPUT GIVEN				
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REMARKS		The last of the la		
GRADE:	Signature of Faculty Date:	Signature of Stu	dent	

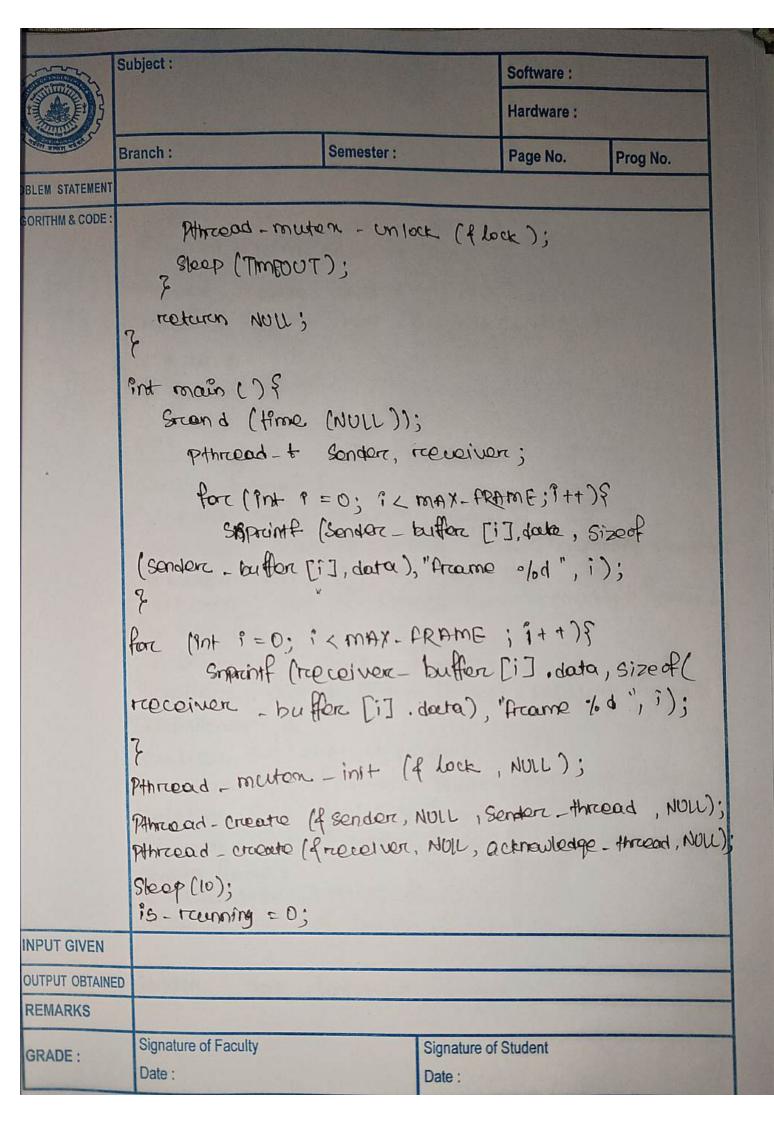
S	ubject:			Software :			
				Hardware :			
	Franch:	Semester:		Page No.			
EM STATEMENT	Douelop a Simple data	link lay	er that	Parcforces t	he flow control		
RITHM & CODE :	Develop a Simple data link layer that Partforms the flow contusing the stiding window protocol, and loss reproductly using the Go-Odeh N mechanism.						
	To develope a Sin	mple De	eta link	· layor (DIL) in C		
	that periforems fl	ow Contr	tol usin	a the si	iding Window		
	Porotocol and les	ss recov	ery us	ing the (510-Back		
	N (GBN) mecho	enism,	we need	d to imple	amount the		
				- 1	enem n-		
	following components:						
	1. Stiding the Window Protocol: This is used for						
	flow control, where the sender can send multiple						
	freames beforce needing an acknowledgement, but						
	it hoes to maintain a window of acknowledged						
	frames.						
	2. Go-Back N (GBN): This is a mechanism						
	Where the receiver acknowledges from ,						
	but the sender coun only send up to H fromes						
	without receiving an acknowledgment. If a						
	Frame is lost or correcupt, all subsequent						
	without receiving an acknowledgment. If a fromme is lost one concrupt, all subsequent frommes are retreatismitted.						
	Basic Concepts:						
	· Sondon sido: knows tronck of a window of sent						
	Sender Side: keeps track of a window of sen frames and waits from acknowledgments.						
IPUT GIVEN							
UTPUT OBTAINED							
REMARKS	Signature of Equality		Signature of S	Student			
GRADE:	Signature of Faculty Date:		Date :	Addont.			

2222	Subject:			Software:				
	3			Hardware:				
Treat He	Branch:	Semester:		Page No.	Prog No.			
BLEM STATEMENT	The state of the s							
ORITHM & CODE:	DE: Receiver Si'de: Receives frommes in Orce							
	and Sends back an acknowledgement.							
	· sequence	· Sequence Neumbiering: Arames are						
	assigned	sequence na	mber	es and a	cknowledgm			
	ofce expects	ed to be me	alved	. With the	2			
	Corcrespondin	g sequenue	Um	waer.				
	Strenture:							
	picus are	101-101-110	Car	an hous	a "wintow"			
	1. Sender Window: The Gender hous a "Window"							
	of frames it is allowed to send. The size of							
	this window & N.							
	2. Receiver Window! The receiver empects frames in Order; but can buffer frames out of order, our long as they were within the							
	of Receiver	a with a	an b	uffer fr	ornes out			
	of order	one long as th	ey o	wice with	in the			
	window.		1					
	Simple code implementation in C:							
	#include	(Stdion)						
	#include <	stalib. h>						
	# include (unistd·h)							
	#include "	(Strary in)						
INPUT GIVEN								
OUTPUT OBTAI	NED							
REMARKS								
GRADE:	Signature of Faculty	Si	gnature o	f Student				
	male.							

	Subject:		Software:			
				Hardware :		
THE THE THE	Branch:	Semester:		Page No.	Prog No.	
BLEM STATEMENT						
INPUT GIVEN						
OUTPUT OBTAINE	ED Company of the com					
GRADE:	Signature of Faculty Date:		Signature of Stu Date :	dent		

E-16/2EGBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB						
	Subject:		Software:			
					Hardware:	
The same of the sa	Branch:	Semester:		Page No.	Prog No.	
OBLEM STATEMENT						
GORITHM & CODE:						
INPUT GIVEN				33 375		
OUTPUT OBTAINED						
REMARKS		The Fall				
GRADE:	Signature of Faculty	Book of	Signature of St	udent		





DATE OF THE PARTY	Subject :			Software:		
	Jabjeett			Hardware :		
15	Branch:	Semester:		Page No.	Prog No.	
	Blatton .					
OBLEM STATEMENT GORITHM & CODE:	- d loin (condon Mill):					
	reetern 0;					
	Sending frame: 0 Receiver Side: Checking frame 0 Receiver Side: Checking frame 0. Receiver Side: Checking frame 0. Receiver: Out of Order frame 5; conpecting frame Condition frame: 1 Receiver Side: Checking frame 0 Receiver: Out of order frame 1, emperting frame 0 Receiver: Out of order frame 1. Receiver: Out of Order frame 0. Receiver: Out of order frame 2, onpecting frame 0. Receiver: Out of order frame 2, onpecting frame 0.					
NPUT GIVEN						
OUTPUT OBTAINED	Sender has f	inished	Sending			
REMARKS						
GRADE:	Signature of Faculty Date:		Signature of Signature of Signature :	tudent		