

## Subject: Computer Metworks & Security

Roll. No. 31118

Assignment 04

PICT, PUNE	O The state of the	E PARTE
	Souden Reserves	
	Title: Go back N & Selective repeat ARQ	
	Problem pefinition:	
	Write a program to simulate Go back N &	
	selective repeat mode of sliading window	
	protocol in peer-to-peer mode.	
	learning objectives	
	Students will be able to understand Go back	
	sclective repeat modes of sliding window pr	atocol.
	7	
	Theory:   + pata link layer is responsible for implementa	hon
	of point-to-point flow of error control mecha	onicm
	NO POWER TO POSSE THOSE CONSTRUCT THE PARTY OF THE PARTY	7.11-51-7
st i	of Go Back No ARQ 2012 mohales parhases and the	
	7 stop and wart ARQ mechanism doesn't utilis	e the
	gesocraces at their best soldiers	
of	27 when authoritedgement is received the send	er sits
cus.		
z'amo	3) In Go-Baik-N ARQ method, both sender 4	
	receiver mantain quindow.	
and the second second second	extende checks up to what sequence much	
trawes	received your by a demoletaring to the	F per
renole	control alphabated of their feeder	
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Us Itis	of sender tinds regarder the their reformer	
	The Charles of the Indian	



Subject Computer Netwoods &

PICT, PUNE	Assignment 04				
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& M shoot	gue 2	John Francis and Usen	WINTED DAINERS		
2 VI -13383	Again. (3	Fra	Students		
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wartsta	malgras &	baidiguille is much	dell stage		
manoda	a lastara	\$50179 1 WOLF 129	of taign to		
	D de				
	The sending window size enables the sender to				
H acille	and multiple france lattle at excelling				
MI SMINS	send multiple frames without receiving the				
	auknowledgement of previous one				
12 19/2010	5) The receiving coindow enables the receiver to				
	reverve multiple frames & auknowledge trem.				
4	The receiver keeps track of involving Frame's				
	sequence numbers sistement de la company				
	c) senda	c) sender checks up to what sequence number it has			
	received positive authoroledgement. If all frames				
	are positively authorited ge their sender sende				
	nowb set of frames.				
	7) of sender finds negative Ack their reprogramits all				
	of source the col				
	John	ies in that set			



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PICT, PUNE	
	Selective Repeat ARO:
	75n Go Back-N ARG 18 is assummed received
	79h go Back-N ARG 18 Wasquire Sal &
	doesn't have any buffer for 16's windows size &
	has to process each frame as it comes.
	2> This enforce sender to retrains mit all frames
	in the sets but in releative repeat ARO, the
VIII TA	seceiver keeps a track of sequence numbers,
	buffers the frames in memory & sends NACK
	buffer he flames to welling the
	for muring a damaged
	Conclusion:
	Henre we have studied go book - N. & xleetive
	repeat moder of strong window protocol.
	again 100001 of 500000
	The state of the s
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