	PAOG Bhawan Kar	
	Panel 1	Date
-		Fage STUDY BUDDIES
Commence of the Commence of th	I I I I I I I I I I I I I I I I I I I	[STUDY BUDDIES]
manages assessed to the control of t	, whs	
Marie Constanting Constanting of the Constanting of	Assign mont	2 , 1000
A second		
	dim!	Service and all the first the service of the servic
CONTRACTOR OF STREET	arite a program to	stimulate two nodes You may use Notsimor For this experiment.
Standard Spranger and Spranger and Spranger	wireless network.	You may uso Not simor
and the same of th	NS2 or gual Not	for this experiment.
W	conclusion!	
and analysis of many decisions and analysis are	The state of the s	ostall and configure MC2
77.	an Upuntu.	nstall and configure NS2
Walter.	The work of the section will be	Annual Control of the
¥	FAQIS -	
1	The state of the s	amulatina nat a'mant-th
(4)	with example	emolarion and simulation
.=7	si Mulalian	emulation and simulation Emulation
1	the same of the same of the same	2 mulation
	1) Decision making	17 0-161 11 11
	happens instantly.	1) Decision making hoppins
the production of the second s	risports in igning:	after a series of steps
		of which each step take a
	1 48-1 - D 11-196 - 1	certain amount of time
	27 The model is remarkable	
of the state of the second state of the stat	2) The model is repeatable. The logic is built in the	2) The model is not repeatable
	(1) (of (1) (of (1) d) (1000 Colic and dock -
the complete control of the end of the control of t	model and one mana	Control System are separate
the telephone management of agency of the telephone of telephone of the telephone of telephone o	nas (15 owl) simulation	control system are separate. From the model itself
ST SAME AND THE REPORT OF THE PARTY OF THE P	CICILIX	
The state of the s	37/100/	3) Usig to test the operation
The late And the temps of congress and the same of the first of	10 15t and develop	or me control system under
	different Solutions to	3) Used to test the operation of the control system under different system conditions
halloware when it is one morning around the		1 SUIC 19 11 alpino Ope Callina
parante on a mandaged to make a men	rosult incost offection tuny	and maintained Staff.
	1	

4) Focus on high speed to get output results real world by exing real filme in model, real world by exing real filme in model. 5) Hore approximations 5) Made and calculations of more accurate. Ex: Movement of a conveyor ext povement of a conveyor in a model occurs directly in a model occurs affer par codes has been scanned. The information has been sent to signed the information has been sent to signed the movement and deatric rotor has recleved a signal to move conveyor. To software Simulator. The officer and interpreter. Compare Compiler and interpreter.			STUDY BUDDIES
5] Hore approximations 5) Madel and calculations of more accurate En: Movement of a conveyor Ex! Novement of a conveyor in a model occurs directly in a model occurs after: after the calculation are bar codes has been scanned. performed the information has been suffer modified in sometion has been sent to says tem has verifical the movement and dectric motor has reclieved a signal to move conveyor -> Software Simulator -> Software Emulator • Ships bridge simulator • Android Emulator colvestado • Engine Room Simulator • CPS XC C Playstation)			
5] Hore approximations 5) Madel and calculations of more accurate En: Movement of a conveyor Ex! Novement of a conveyor in a model occurs directly in a model occurs after. after the calculation are par codes has been scanned. performed the information has been suffer motion has been sent to says tem has verifical the movement and alertic motor has recleved a signal to move conveyor -> Software Simulator -> Software Emulator Ships bridge simulator -> Refugire Emulator colvestado Engine Room Simulator -> CPSXC C Playstation)	Company of the second	a focus on high speed	4) Focus on imitation the
5] Hore approximations 5) Madel and calculations of more accurate En: Movement of a conveyor Ex! Novement of a conveyor in a model occurs directly in a model occurs after. after the calculation are par codes has been scanned. performed the information has been suffer motion has been sent to says tem has verifical the movement and alertic motor has recleved a signal to move conveyor -> Software Simulator -> Software Emulator Ships bridge simulator -> Refugire Emulator colvestado Engine Room Simulator -> CPSXC C Playstation)	Andrew Street,	to get output result	real world by using real
5] Hore approximations 5) Madel and calculations of more accurate En: Movement of a conveyor Ex! Novement of a conveyor in a model occurs directly in a model occurs after. after the calculation are par codes has been scanned. performed the information has been suffer motion has been sent to says tem has verifical the movement and alertic motor has recleved a signal to move conveyor -> Software Simulator -> Software Emulator Ships bridge simulator -> Refugire Emulator colvestado Engine Room Simulator -> CPSXC C Playstation)	and the second desired and the second se	quickly toster shap	HMe in model
5] Hore approximations 5) Madel and calculations of more accurate En: Movement of a conveyor Ex! Novement of a conveyor in a model occurs directly in a model occurs after: after the calculation are par codes has been scanned. Performed the information has been scanned the information has been sent to says tem control system has verifical the movement and dectric notor has recleved a signal to move conveyor -> Software Simulator -> Software Emulator Ships bridge simulator - Android Emulator colvestoda Engine Room Simulator - CPS to C. Playstation)	and the second s	emulation.	
En: Movement of a conveyor Ex! Movement of a conveyor in a model occurs directly in a model occurs after: after the calculation are par codes has been scanned. Performed the information has been scanned, the information has been sent to sustem has verifical the movements and dectric motor has recieved a signal to move conveyor -> Software Simulator -> Software Emulator • Ships bridge simulator -> Android Emulator (Divestock) • Engine Room Simulator - CPS to C Playstopion)		AND AND THE PROPERTY AN	
En: Movement of a conveyor Ex! Movement of a conveyor in a model occurs directly in a model occurs after: after the calculation are pur codes has been sea now, performed whe information has been sent to system has been sent to system has verifical meter and deathic motor has recieved a signal to move conveyor -> Software Simulator -> Software Emulator (Nuestock) • Engine Room Simulator • CPS Xe C. Playstopion)		5) Hore approximations	5 Model and calculations or
performed. Perfor			more accurate
performed. Perfor	-	821 Mars 1 0	
performed. Perfor		in a harla account of a convege	orix. Movement of a conversion
performed. Perfor		apan the 1 cours directly	in a model occurs after:
Scanned, the information has been sent to sastem, control system has verified the movement and electric Motor has recieved a signal to move conveyor -> Software Simulator -> Software Simulator • Ships bridge Simulator • Android Simulator (Olvestock) • Engine Room Simulator • epsice C Playstation)		0/1 ((() (() (1))) 0/1	pul cones has been sound
Scanned, the into mation has been sent to sastem, control system has very red the movements and cleatric Motor has recieved a signal to move conveyor -> software Simulator -> Software Emulator (pluestock) · Engine Room Simulator · PS Xe C Playstopion)			price mayan has been
has been sent to sastem, control system has veri red the movements and dectric Motor has recieved a signal to move conveyor -> Software Simulator -> Software Emulator • Ships bridge Simulator • Android Emulator (Pluestado) • Engine Room Simulator • epsite C. Playstolian)	-		scanned, she in formation
Ships bridge Simulator - Ships bridge Simulator eps xe C. Playstopion)			has been sent to coctem
me movements and dectric Mofor has recieved a signal to move conveyor -> Software Simulator -> Software Emulator • Ships bridge Simulator • Android Emulator (Pluestado) • Engine Room Simulator • CPS XC C. Playstolion)			CONTROL SYSTAN has Traci FRA
The prove conveyor To prove conveyor The prove simulator The prove conveyor The prove conve			the millemente and de the
-> Software Simulator -> Software Emulator · Ships bridge Simulator · Android Emulator (Pluestad) · Engine Room Simulator · CPSXC C Playstopion)			Mojor 10) recleved a cianal
-> Software Simulator -> Software Emulator · Ships bridge Simulator · Android Emulator (Pluestad) · Engine Room Simulator · EPSXE C Playstolian)	- 1		to move conveyor
* Engine Room Simulator . eps xe C. Playstopion)			
* Engine Room Simulator . eps xe C. Playstopion)		2. Software Simulator	-) Soffware Smulator
	***	· Ships bridge simulation	· Android Emulator (Pluestack)
		· Engine Room Simulation	· CPSXC (Playstalian)
1) Compare Compiler and interpreter			
1) Compare Compiler and interpreter	-		
	(9	Compare Compiler	and interpreter
		The self forces and the self self	
	-		

	Compiler	Interpreter
1		Enterovator talkes single
	compiler takes entire program as input	Interpreter takes single instruction as input
		The state of the s
2.	Intermediate object cale is Generated.	No intermediate object ack is generated.
2	Con I'lliand control stoleren	conditional contral statement
	exclutes faster.	conditional contral statement executes slower.
4.	Memory Requirement!	Memory Requirement!
		of North William 5
871015	Errors are displayed offer	Errors are displayed for every instruction interpreted
aller o	entire program is checke	every instruction interpreted
J. S. 19		Ex BASJC
	ex! c compiler	Compared bounds of
10 / S	3	h way we
1	a a constant of the constant o	
2.0	List the different	ent simulation tools and
43	Compavo it coils	nt Simulation tools and network Simulator-2
- 100 - 127°	(NS-2)	
	Simulation took	
C. I. I	1. Omnet ++	william od to solver a
363.11	2. OPPH	de la constitución de la constit
	5 NEW WILLIAM	13 3 N. 1951 1111
	The state of the s	

Date	-	1_		th, it is the first first	
Page	delicitana	NIT OF SER	e i repraga	**********	
STU	DY	BU	DD	ES	

				ST	UDY BUDDIES
	A. D. C.				The state of the s
the first from the same of the state of the state of the same of t		NS2	omnet ++	opnet	NETSIM
1000			1 - 1		7
	Type of	open source	Free	proprietary	Proprietor
	SOFTWOR		Paid (for		
		2 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	commacial)		
A.	0	T. VIII	*		
- 7	Platform		Cinuz, wind	windows,	Windows
	Supported	-Linux, window	us , 05 h	APH HOT	
	18001	05%	. 15.75		1 %
		•			
-)	reaturer.	Support Pasic	WSNSUDDOR	; Faist, north	updated set
	4	Protocd,	consumer	communicate	
		Best For	less memory	with other	seamless
g tail	13121 13	Small Network			interface &
25.5	1. 1. 1.	Attain in the	1 2 4 5 6 6 F	Maria Maria	with externa
4			, , , , , , , , , , , , , , , , , , , ,		tools (Ry, Sumos
		1 1	13.11		
-7	Language	CHY LOTCL	C++	C(Ctt)	GUI bosel
	Supporte				C Supported
	7-17-118				p)
		Chantel !	-1430101	odi by:	125
0/.	- fills	+400 lon	DUAR OTT	1 and Ct	+ new ba
04 why two language OTCL and CH+ used by 152?					
- T ACC and is also local and also					
=) In NS2, C++ is used for desailed protocol					
Cotton: The amoult be off shiests are not be					
	implementation and otcl is used for the setup. The compilers att objects are made available to the otcl interpreter and in this way, the ready-made and otcl level				
	available to MX. OICL Interpretor and in				
	mis way some ready - made cit sujects				1 Later
	can h	" (a)troll"	C + 1011	one of	L IEVEL
		and the second s	1	· · · · · · · · · · · · · · · · · · ·	
					Control Participation of the Control

95	what are advantages and disadvantages of NS 2	
=)	Advantage Disadvantage	
	i) Easing to add new protocols i) support only turn wire less MAC Protocols, 802-11 and a single-hap TDMA protocol	
3	ii] Madular approach ii] Need to familiar with	
	11010 (0 5 available	
	publicle	
96	Draw and Explain three kinds of formats	7
	For wired networks in 15-2.	6
=)		
1 - C	27 Monitorine	
7.87	1) Tracing. 27 Monitoring. 3) NAM trace files format.	-
3		
राष	tracing and monitoring represents the only	-
D. Gara	SUPPORT FOR data cottection in NS2. If record	
	events related to the generation, enqueing,	-
	Forwarding, and dropping of packets. Each	
	event corresponds to a line of ASCII	-
Action and the second s	characters , conto contain a information	
Administrative personal section of the section of t	on the event type and intormation stored	-
	Tracing and monitoring represents the only support for data cottection in NSD. If records events related to the generation enqueing, Forwarding, and dropping of packets. Each event corresponds to a line of ASCII characters, which contain a information on the event type and information stored in the packet.	-
		The state of the s

	The second secon					
92		Address in Node! Port				
70	Chy/tcp	format				
	Event Time From To ade Type Flags F	d STG Addy Addy Nom PAT-Jd				
11111		sequence number				
1 1	From To is the link that	can repeat packed				
1,500	recorded this frace earnt	50 is dways origine				
<u> </u>	neviolated issuedid	<u> </u>				
ment st-	+ -> enqueue Usit	can set flow				
	- 7 dequeve	in otal script for				
	TO COLOTOPOF WIND	h source				
	d7 dropped.					
	restait to bomb to the diplote	Allen Al				
	· NS-2 currently supports a nun	nher of different				
	f() 0 1 ((F/P) : 1) 40(F/V) ()					
	own formal, MS2 also	has the NAM				
	frace Formal which on fail	is the necessary				
	In Formation from the simula	allow to drive the				
	NAM viscolizer Both o	F these trace				
Ą)	Formats are very specific	when if coms				
4:1	to giving defails about &	he events mat				
	occur during an 1/52	o'm vlataon.				
1	Joing drypus of 122/18. 8	National Comments				
	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s				
	Charges a Abvirio has					
	The Wing of the Wall of the State of the Sta					
The state of the s						
		eran under frank in hande in de frank in her				