■ D:\	ATM simulat	ion\E-bankin	g simulatio	n\Debug\E-l	banking sin	nulation.exe				X
##### # # # #	DEPT ASSI	PROGRI ID G ECE STR GNMENT FO	AMMER AD SR/2216/ EAM COMP OR SIMUL	DISALEM 07 UTER ENG ATION AN	.T INEERING		******			1
# #####		is E-bai					******			E
This	is inte	rArrival	time Ge	nerated	by Epone	ential di	stributio	n		
4	11	? 0	?	29	22	3	0	13 33	12	
4 0 22 6 7 0 1 0 3 2	6 10	10	24 22	2 13	50	14 0	4	8	40 9	
6	0 4	14 24	7	2 17	2 4	3 2	26 1	1 11	28 54	
ó	21	11	12	ō'	5	1	Ö	10	14	
12	11	1	19	Ø	8	Ø	4	2	Ø	
9	41 3	12 9	19 4	13 19	6 9	17 8	2	22 1	20 2	
	14	15	5	9	8	3	18	6	รั	
total	l time 98	3								
This	is serv	ісе Туре	Genera	ted by w	niform d	distribut	ion based	l on pro	babilty	
1	4	2	4	4	4	3	3	2	5	
342144135	5 3 2	42355245	3	4 2	1 2 5 5	5 3	3	4	225531555	
2	2	3	3	3	5	3 5	353	1	5	
1	4	5	4	5 4 2 2 5	5	4	3	4	5	
4	4	2	5	2	1	3 2	2535	5	3 1	
î	4 5	4	5	2	1 5	3	3	2 5	ŝ	
3	5		3	5	5	5 5	5	55	5	
5	5	5	5	5	5	5	5	5	5	
						rom 100 c				
						are for A				
US }	nas proba	blity of	0.15 so	(15) cu	stomer a	are for U	S			
VD 1	nas proba	blity of	0.20 so	(20) cu	stomer a	are for V	D			
UW 3	nas proba	blity of	0.20 so	(20) cu	stomer a	are for V	d .			
UR 1	nas proba	blity of	0.35 so	(35) cu	stomer a	are for V	R			
11 ir 15 ir 15 ir	ntialĺy s ntially s ntially s	erved at erved at erved at	Node 1 Node 2 Node 2	server 2 server 1 server 2	service service	type is (type is type is type is	UD US			
Serv	ice Time	for Eac	n Reques	ts						

Serv	ice Time	for Eacl	n Request	ts						^
4 8 10 8 15 13	11 35 8 24 9 14 6	15 9 0 19 36 16 0	15 5 4 12 8 30 8	9 21 7 28 10 24	12 6 0 24 35 8 4	8 20 7 17 11 8 0 4	4 7 7 44 8 0 23 7	0 12 15 5 11 17 13	— 16 0 23 30 6 6 26	
6 35 	22 27 	44 25 	5 39	18 29 	23 22 E 1 Seve	22 20 	23 33 	32 21	27 20 	Е
	12		omers Re	equests						Ш
6 113 216	10 121	25 129	36 139	42 145	53 157	67 161	79 177	92 183	108 201	ı
This	is Total 2 11 11 35 tot	custo	omers Recomers Recomers Re	quests f equests equests	or VD for VW	r 12				
11 143 306 522	22 166 329 551	31 175 340 571	47 183 357 592	56 211 379 612	65 222 397	85 233 420	95 263 443	114 279 470	126 289 497	
This	is Total 2 3 18 24 tot	custo	omers Rec omers Re omers Re	quests f equests equests	or AI for US	r 21				
15 94 208 	23 118 215	27 125 221	35 133 226	40 141	47 147	55 155 	59 179	80 192	87 204	

15 258 503	30 272 542	42 302 564	77 315 597	89 328	104 344	12 37		172 414		208 436			243 468
fotal fotal fotal fotal	served for served for served for served for customer	r VS 15 r VD 20 r VW 20 r VR 35	n all	camien	100								
				ot served									
Serve	Server Server	utlizati utlizati utlizati	on is on is on is	for Node 1 for Node 1 for Node 2 for Node 2	SERVER SERVER	R 12	is 62 is 22	2×					
[ransı	mission ne	twork ut	ilizat	ion utilizatio		1-1-	1 20	970				_	
	Transmi	ssion ne	twork	utilizatio	n for h	lode	2 34	1.083	4%.				
lveraç	Average Average Average Average	respons respons respons	e time e time e time e time	h service for AI 7 for US 15 for UD 7 for UW 12 for UR 26	MÎNUTE TUNIM MINUTE	E IE E	e					_	
lverag	ge delay a	t serve	proce	ss queues		_						_	
	Average Average	delay a delay a	it serv	er process er process er process er process	queue gueue	for	Node Node	1 SE 2 SE	RUER	$\begin{array}{c} 12 \\ 21 \end{array}$	is is	S 5	MINUTE MINUTE MINUTE MINUTE

A