		DB TRAN	SACTIONS	(Deadle	ne 6)
		(A) ×	2.1 md 200	- Increase to	73:
		Conflict s	Serializab	le stable	
		_ 1111			
	Ti: Increase	the Jace b	y 1.5 time	s alA) al	147
	· Ubdate -	Dainer Cont	act	(B)	
		0			
	P2: Increase	the Lare	by 200.	(A)	
	72: Increase	+1 a du : 1/4 x 1/4	rating	(B)	schedule:
	upame	The way	ST	17	
				RCA	
school	ule1.			CAJW	
	T1	T2	CAJA	T1	Т2
	R (A)		(A)W	R(A)	
	W(A)		(a)A	W(A)	
	V. Cray	R(A)		R(B)	
		W(A)	-	W(B)	
	0/02	W CIV		(8)	
	R(B)				W(A)
	W(B)	21.02	1 1 1 1-	vert vert	
MEN	Juhana la	K(R)	SERVICE AND SAND	A SANK SANK	W(B)
245	al schedule	W(B)	tw. (d) AF	plotted ye	(A) O
	Here we ha	ion of To.	عوب	al Ada Calle	1000
	Haza we by	are binally	gotanse	hedule after	is swapping
	10:	tiona to the same	wasy ope	erations.	eo, we can
25	non- confu	1 000	stict seri	alizable Se	hedule.
	Here we have non-conflict	the 12			
		0.00	20 31 21	the eileds	· Surat
	ddsiloises	n-(Bablick	911 23		
	-				

	Page 2
1	Non-Conflict Serializable
	71: - Increase fare by 1.5x (A) Update driver's contact (B)
	T2! gnerease fare by 200 (A) · update driver's rating (B)
	· update driver's rating (B)
	Tell Inspace the last by 200, (A) 188
d	ule; (a) distance of att sassaw I is T
	T1 T2
	RCAT
	W (A)
	R(A)
	(A) A W(A)
	RIB)

RLB)

To make this schedule into a serial schedule have to swap IR(B), w(B) ? operation of T1 with {R(A), W(A), NB), W(B)} operation of T2. However we can not swap these two sperations as the 2R(B), W(B)3 of 71 and (R1B), W(B)3 of 12 are conflicting operations

W(B)

Thus, the schedule is non-conflict serializable

COMMIT;

	CIM	semute
5	Date_	
1	Page_	3
1		-

Transactions
Transaction 1.
BEGIN TRANSACTION;
Increasing face by 1.5x.
Update trip
Set fare = fare x 1.5
where trip_id = 10;
Update driver's contact
Update driver
Set contact = 9876543210
Where driver-id = 1;
COMMIT;
Transaction 2:
4
BEGIN TRANSACTION;
Increase fare by 200.
Vpdate Erip
Set fare = fare+200
where trip-id=10.
1170000
- 111 1 to de scan's grating
- Update driver's rating
update driver
Set rating = 9
where deriver-id = 1;