Database Assignment 3	
G:1) 20K-0190	1
* Schedule 51:	
* Schedule 81:	- 7
Graph:	
	1
(13) (12)	
(\overline{Ip})	
·TI reads a which was not madified by T2 or T3	1
· 13 reads a before T! modifies it.	
·T2 reads y and writes y after T3.	
12 mas y and whiles y agree 101	
	V de s
So ochedule is serializable.	
grandation talling to the comment of the property of	370
* Schedule 52:	
Graph:	
y (13)	
£ 1 1/2	

URB.

=> 12 neads 'y' which is the read tog and amodified by => T3 reads 'Y', which is modified before T2 modifies it. In this case T3 will interpers with T2's ochudle, is not serializable. (3:2) $\star T1 = \lambda_1(\alpha), \omega_1(\alpha), \omega_1(\gamma), \omega_1(\gamma)$ *T2 => 12(x), wa(x) Total Total Transactions = (m1+m2)!/(m1! + m2!) = 15 (X) Transactions .-1 social + serializeable => 1/2(x), w1(x), 1/2(q), w1(q), 1/2(x), w2(x) => 1/2(n), w1(n), 1/2(n), w2(n), 1/2(y), w1(y) Conflict serializeable conflict serializeable => 11(a), wi(a), M(y), 22(a), w1(y), 22(a) => M(n), wi(n), ra(n), ri(y), wa(n), wi(y) conflict => 21(21), w1(21), 21(4), 22(21), w2(21), w1(4) conflict => n1/21), w1(21), n2(21), n1(y), w1(y), w2(21) conglict 4 => ha(n), wa(n), rila), wila), rily), wily) serial+ serializeable

=> ra(n), r1(n), w2(n), w1(n), r1(y), v1(y) not conflict scriolis	ea
=> r1(n), r2(n), w1(n), r11y), w1(y), w2(n) not conflict "	_
=> 12(n), 11(n), w1(n), w2(n), 12(y), w1(y) not conflict "	
= > r1(x), r2(x), w1(x), r1(y), w2(x), w1(y) not conjuict "	
=> 42 (n), 11(a), w1(n), 11(q), w2(n), w2(y) not conflict "	
=> r1(a), ra(a), wala, w1(a), r1(y), w1(y) not conglict "	
=> 82(a), 11(a), w1(a), 101(y), w1(y), w2(y) not conflict "	
=> 1/1(d) 2/2(d) mild) 21/1/2 M2(e) moly opt condict 11	-
=> r1(a), ra(a), w1(a), r1(y), w2(21), waly) not conglict "	-
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