

Computer Science 321
Database Systems
Fall 2003

HW 7 Due: December 3, 2003 Total weight: 70 pts.

1. [70pts] For each of the following schedules, list all the WR, RW, and WW conflicts or any other problem they exhibit. Use the line numbers provided to the left to be specific about the nature of the problem.

	T1	T2
1	R(A)	
2		R(A)
3		R(B)
• 4	R(B)	
5		W(A)
6	W(B)	
7		Commit
8	Commit	

	T1	T2
1	R(A)	
2		R(A)
3	R(B)	
• 4		R(B)
5		W(A)
6	W(B)	
7		Commit
8	Commit	

	T1	T2
1	R(A)	
2		R(A)
3	R(B)	
• 4	W(B)	
5		R(B)
6		W(A)
7		Commit
8	Commit	

	T1	T2
1	R(A)	
2		R(A)
3	R(B)	
• 4	W(B)	
5		R(B)
6		W(A)
7		Commit
8	Abort	

	T1	T2
1	R(A)	
2		R(A)
3		W(A)
• 4	R(B)	
5	W(B)	
6	W(A)	
7		Commit
8	Commit	

	T1	T2
1	R(A)	
2		R(A)
2		R(B)
• 3		W(B)
4	R(B)	
5	W(A)	
7		Commit
8	Commit	

	T1	T2
1	R(A)	
2		R(A)
3		W(A)
• 4		R(B)
5		W(B)
6	R(B)	
7	W(B)	
8		Commit
9	Commit	