

Deadlock Detection

Transaction	RequestsRow
1	A
2	C
3	B
4	D
4	C
1	C
2	A

waiting on	1	2	3	4
1		X		
2	X			
3				
4		X		

Questions:

1. Which transaction causes the deadlock?
A. 4
2. Which transaction(s) are involved in the deadlock?
A. 1 and 2
3. Which transaction(s) are just waiting?
A. 4 is waiting
4. Which transactions(s) should be killed?
A. 1 has been running the longest, so 2 should be killed (assuming equal priority as well)