















8



Transaction Example

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UPDATE Budget SET money = money - 100

UPDATE Budget SET money = money + 60

UPDATE Budget SET money = money + 40

START TRANSACTION

WHERE pid = 1

WHERE pid = 2

WHERE pid = 3

COMMIT (or ROLLBACK)

















Example				
	T1 READ(A, t) t := t+100 WRITE(A, t) READ(B, t) t := t+100 WRITE(B,t)	T2 READ(A, s) s := s*2 WRITE(A,s) READ(B,s) s := s*2 WRITE(B,s)		
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Example			
T1 L <sub>1</sub> (A); READ(A, t) t := t+100	T2		
WRITE(A, t); U <sub>1</sub> (A);	$L_2(A); READ(A,s)$ s := s*2 WRITE(A,s); $U_2(A);$ $L_2(B); READ(B,s)$ s := s*2 WRITE(B,s); $U_2(B);$		
L <sub>1</sub> (B); READ(B, t) t := t+100 WRITE(B,t); U <sub>1</sub> (B);			
Locks did not enforce conflict-serializability !!!			























