Knowledge Check 5: Transactions and Concurrency Control

Due No due datePoints 0Questions 3Time Limit NoneAllowed Attempts Unlimited

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	0 out of 0

Submitted Feb 7 at 7:47pm

Question 1	0 / 0 pts
What is the result of the following database tran	nsaction if the initial values of both
BEGIN	
A=A+100	
B=A+100	
END	
○ A=100, B=200	
A=200, B=300	
The new value of A is 200, which is found a value. The new value of B is then found a new value of A.	
○ A=200, B=200	

Correct!

A=200, B=100

Question 2

0 / 0 pts

Consider the following two database transactions with initial values of A=500 and B=500:

T1: A=A+100, B=A-100

T2: A=A*1.06, B=B*1.06

Assuming T1 arrives first, what will be the final values of A and B if the two transactions are processed using a serial schedule?

ou Answered

A=630, B=530

This is not correct; T1 must be processed first.

- A=636, B=568.16
- A=630, B=561.80

orrect Answer

A=636, B=530

Question 3

0 / 0 pts

Consider the following two database transactions with initial values of A=500 and B=500:

T1: A=A+100, B=A-100

T2: A=A*1.06, B=B*1.06