

Conflict Serializable

T1: A) increase the payment with payment M = 1
by 1-5 times.

B) update product stock quantity.
= stock quantity - 2

T2: A) increase the ~~payment~~ payment by 15 dollars.

B) update product stock quantity
= ~~stock quantity~~ stock quantity + 4

Schedule 1

T1

R(A)

W(A)

R(B)

W(B)

T2

R(A)

W(A)

R(B)

W(B)

T1

R(A)

W(A)

R(B)

W(B)

T2

R(A)

W(A)

R(B)

W(B)

Non-conflict serializable

T1:- A) Increase the payment with payment ID 21
by 1.5 time

B) update product 1 stock quantity,
= stock quantity + 2

T2:- A) Increase the payment with payment ID 21
by 15 \$

B) update product 1 stock quantity
= stock quantity + 4.

T1

R(A)

W(A)

T2

R(A)

W(A)

R(B)

W(B)

W(B)

W(B)

∴ non serializable.