Transactions :

Non-conflicting transactions

start transaction; -- t1

update products set price = price\*1.05 where productid<5; -- t1

commit; -- t1

start transaction; -- t2

update products set price = price\*0.95 where productid>5; -- t2

commit; -- t2

start transaction; -- t1

select \* from products where productid=1; -- t1

start transaction; -- t2

select \* from products where productid=2; -- t2

commit; -- t2

commit; -- t1

start transaction; -- t1

start transaction; -- t2

update products set price = 100 where productid=1; -- t2

commit; -- t2

select \* from products -- t1

commit; -- t1

start transaction; -- t1

update products set price = price\*1.1 where productid=2; -- t1

start transaction; -- t2

update products set price = 100 where productid=1; -- t2

commit; -- t2

commit; -- t1

Conflicting transactions

Dirty Read:

start transaction; -- t1

start transaction; -- t2

update products set price = price-10 where productid=1; -- t2

select \* from products; -- t1

commit; -- t2

commit; -- t1

Unrepeatable Read:

start transaction; -- t1

select \* from products; -- t1

start transaction; -- t2

update products set price = price-10 where productid=1; -- t2

commit; -- t2

select \* from products; -- t1

commit; -- t1