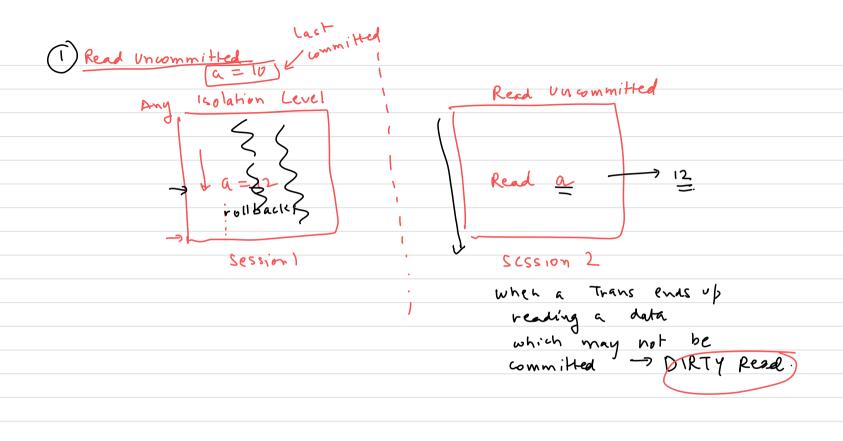
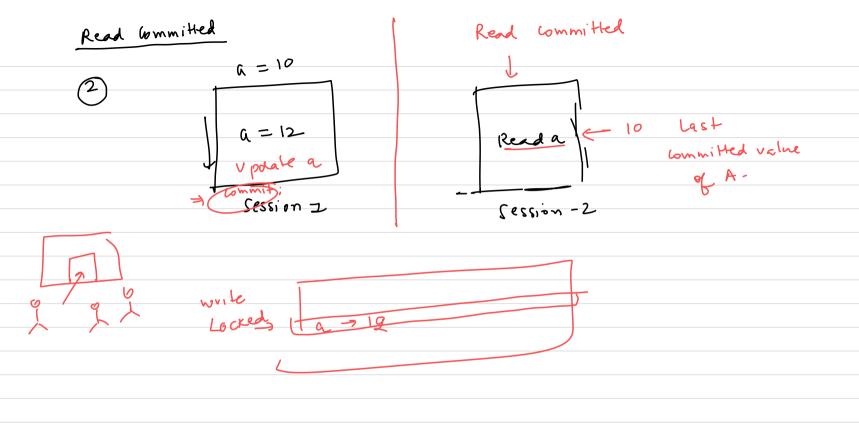


	Update-
Transactions - II	,
	Extra Session Ly 16 march Assignent Problems
	Ly 16 march
Transaction Isolation Levels	L Assignent Problems
	·
(1) Read Uncommitted	
2) Read Committed	
2) Read Committed	
37 Repeatable Read (Mysal Def	ault)
(Strict) Sevializable	
(SKIUT)	

& Deadlouks



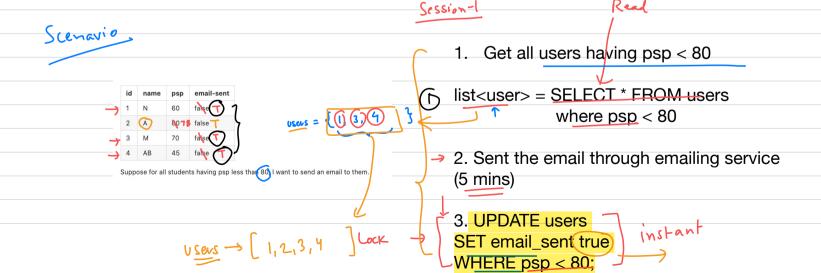


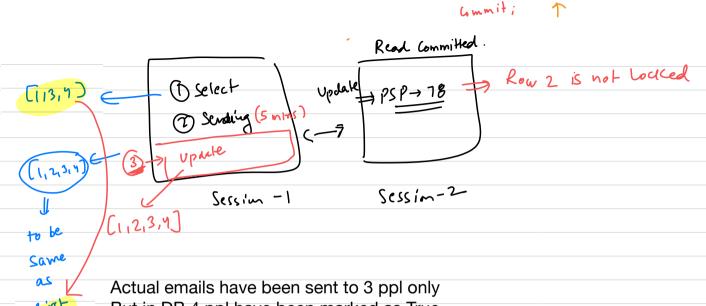
Advantages:

1. Read the latest committed value, dirty read will never happen.

Disadvantage:

1. Performance will slightly degrade because of locks and concurrency controls.





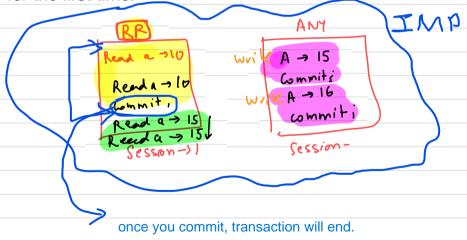
But in DB 4 ppl have been marked as True.
This problem is called as NON-REPEATABLE READ

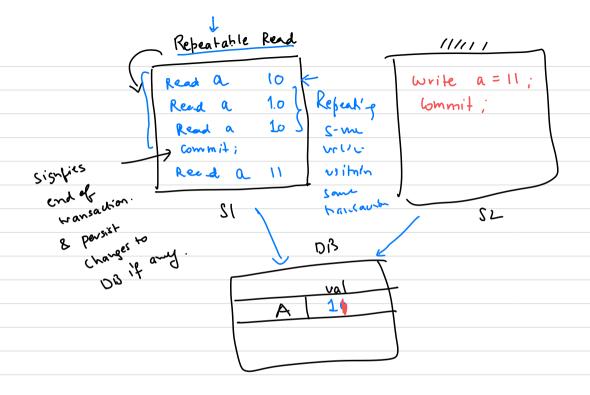
Within the same session, two different queries reading the same data produce two different results.

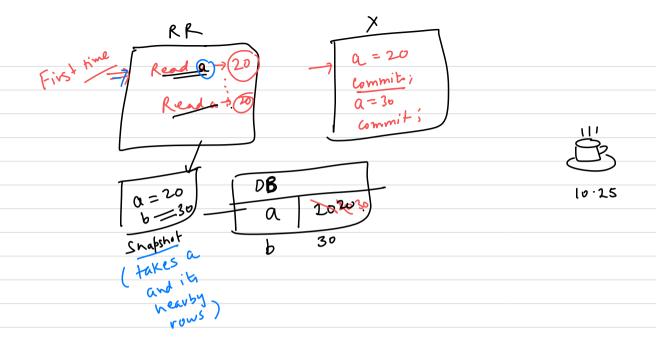
3) Repeatable Read Isolation Level (MySQL default isolation level)

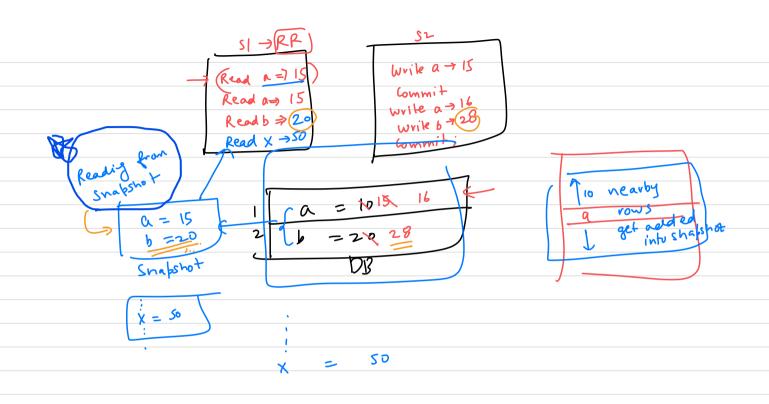
Whenever you have a read a row in this isolation level:

- For the first time, it reads the latest committed value of the current row.
- After that till the transaction completes, it keeps on reading the same value it read for the first time.

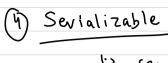




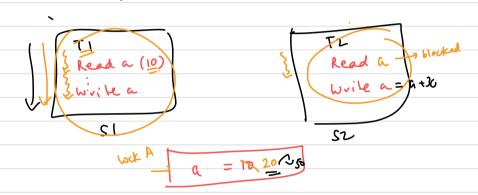


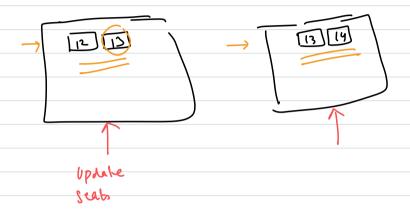


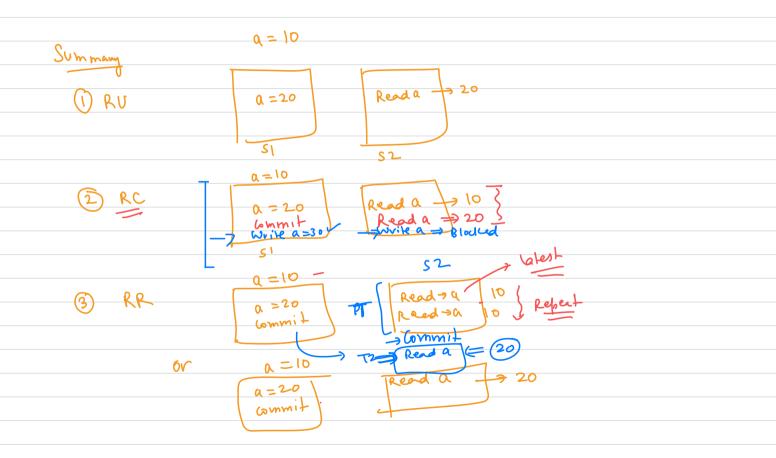
(Problem In RR) Phanton Read hows appear magically if insertions were done & committed from other session (SI) SZ swill see the newly inserted rows if you ky to sows upadate all rows



() Sequential execution, one after the another







& Sevializable