

Update window	Transaction 1	Transaction 2	Transaction 3	Transaction 4	Result
Create the three tables, and perform inserts into all three.					Tables were created and filled with data
SHOW VARIABLES like '%isolation%';					REPEATABLE-READ – this is the default for MySQL. But we will not do any reading from this transaction.
SET AUTOCOMMIT=0;	SET AUTOCOMMIT=0;	SET AUTOCOMMIT=0;	SET AUTOCOMMIT=0;	SET AUTOCOMMIT=0;	This turns off the autocommit so that you have control of when one transaction ends and the next begins in each of your consoles.
	Use DataGrip to set session transaction isolation level to read-committed.	Use DataGrip to set session transaction isolation level to repeatable read.	Use DataGrip to set session transaction isolation level to serializable.	Use DataGrip to set session transaction isolation level to read-uncommitted.	Different isolation levels in each console, looks cool!
Insert a fresh set of rows, for David Banner.					David Banner is now included

	Run the select to get the average % for each assessment				Banner's average is null
		Run the select to get the average % for each assessment			David Banner's average is still null.
			Run the select to get the average % for each assessment		Console timed out.
				Run the select to get the average % for each assessment	David Banner's average is 66.8, that's worse than our average
Rollback;					Removes David Banner's score from the scores table.
	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment	Average is null in all consoles, interesting
Update the Tony Stark rows to add 2 to each score.					Console timed out
	COMMIT;	COMMIT;	COMMIT;	COMMIT;	Ok, we get it
Update the Tony Stark rows to add 2 to each score.					Tony Stark rows updated

	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment			Tony Stark's average stayed at 66.8 (should be higher, don't you think, prof)
			Run the select to get the average % for each assessment		Console Timed out.
				Run the select to get the average % for each assessment	Tony Stark's average is now 76.8 (still not good)
SAVEPOINT grease;					Savepoint is created to save any work up to this point.
Update just Tony Stark's final grade to be what it was – 20.					Tony Stark row is updated in the scores table.
	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment			Tony Stark's average remains at 66.8.
			Run the select to get the average % for each assessment		Console Timed out.
				Run the select to get the average % for each assessment	Tony Stark's average is now 72.8000000000 0001.

ROLLBACK WORK TO SAVEPOINT grease;					Save point rolled back to earlier, this will delete the final grade- 20% change.
	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment			Tony Stark's average stays at 66.8.
			Run the select to get the average % for each assessment		Console Timed out.
				Run the select to get the average % for each assessment	Tony Stark's average goes back to 76.8.
			COMMIT;		Committed
Insert David Banner rows again					David Banner's row is now in scores.
	Run the select to get the average % for each assessment	Run the select to get the average % for each assessment			Tony Stark's average is still at 66.8.
			Run the select to get the average % for each assessment		Tony Stark's average is now 66.8.
				Run the select to get the average % for each assessment	Tony Stark's average is still at 76.8 where David Banner's score is now 66.8.