

Derby

Step #	Transaction 1	Transaction 2	Expected Results	Actual Results
1.		SELECT COUNT(*) FROM students;	4	4
2.		SELECT AVG(GPA) FROM students;	3.412499999999 9996	3.412499999999 9996
3.	INSERT INTO students (last_name, first_name, major, year_study, GPA) values ('Piggy', 'Miss', 'drama', 'senior', 3.99);		Insert Successfully	Insert Successfully
4.		SELECT COUNT(*) FROM students; ¹	4	ERROR 40XL1: A lock could not be obtained within the time requested
5.		SELECT COUNT(*) FROM students where last_name = 'the Frog';	1	1
6.		select avg(GPA) from students;	Lock Occured	ERROR 40XL1: A lock could not be obtained within the time requested
7.		SELECT COUNT(*) FROM (SELECT last_name FROM students WHERE last_name IN ('the Frog', 'Einstein')) abc;	2	2
8.	commit;		committed	Committed

9.		SELECT AVG(GPA) FROM students;	3.528	3.528
10.		commit;	Nothing happens	Nothing happens
11.		SELECT AVG(GPA) FROM students;	3.528	3.528

MySql

Step #	Transaction 1	Transaction 2	Expected Results	Actual Results
1.	START TRANSACTION;		Transaction started	Transaction started
2.		START TRANSACTION;	Transaction started	Transaction started
3.		SELECT AVG(GPA) FROM students;	3.4125	3.412500023841 858
4.		SELECT COUNT(*) FROM students;	4	4
5.	INSERT INTO students (last_name, first_name, major, year_study, GPA) values ('Piggy', 'Miss', 'drama', 'senior', 3.99);		Inserted Successfully	Inserted Successfully
6.		SELECT COUNT(*) FROM students;	5	5
7.		SELECT COUNT(*) FROM students WHERE last_name = 'the Frog';	1	1

8.		SELECT AVG(GPA) FROM students;	3.5280	3.528000020980 835
9.		SELECT COUNT(*) FROM (SELECT last_name FROM students WHERE last_name IN ('the Frog', 'Washington')) abc;	2	2
10.	COMMIT;		Committed	Committed
11.		SELECT AVG(GPA) FROM students;	3.5280	3.5280
12.		COMMIT;	Nothing happens	Nothing Happens
13.		SELECT AVG(GPA) FROM students;	3.5280	3.5280