BASE DE DATOS II
Concurrencia

Ejercicio 7

Ejecute concurrentemente las transacciones en Mysql y describa lo que sucede con las transacciones y la tabla con la que se trabaja.

1. mysql> set autocommit=0;
Query OK, 0 rows affected (0.00 sec)
3. mysql> select * from bank where id=32 lock in share mode;
    +----+-------+
    | id | debit |
    +----+-------+
    | 32 | 444 |
    +----+-------+
    1 row in set (0.00 sec)
 	
5. mysql> commit;
    Query OK, 0 rows affected (0.00 sec)
	2. mysql> set autocommit=0;
	Query OK, 0 rows affected (0.01 sec)
	
	4. mysql> update bank set debit=555 where id=32;
	.
	.
	.
	.
	.> Wait unlock
	.
	.
	.
	.
	.

6. mysql> select * from bank;

```
+----+-------+
| id | debit |
+----+-------+
| 32 | 444   |
| 66 | 3453  |
+----+-------+
2 rows in set (1.02 sec)
```

.
.
.

7. mysql> update bank set debit=555 where id=32;
Query OK, 1 row affected (13.21 sec)
Rows matched: 1 Changed: 1

8. mysql> select * from bank;

```
+----+-------+
| id | debit |
+----+-------+
| 32 | 555   |
| 66 | 3453  |
+----+-------+
2 rows in set (0.01 sec)
```

9. mysql> commit;
Query OK, 0 rows affected (0.14 sec)
10. mysql> select * from bank;

```
+----+-------+
| id | debit |
+----+-------+
| 32 | 555   |
| 66 | 3453  |
+----+-------+
2 rows in set (0.00 sec)
```