



UNCA  
*Praeteritum Noscere Posterum Nolite*  
BASE DE DATOS II  
Concurrencia

Ejercicio 5

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

<pre>1. mysql&gt; set autocommit=0;    Query OK, 0 rows affected (0.00 sec)  4. mysql&gt; update bank set debit=333 where id=32; . . . . . . .&gt; Wait unlock . .</pre>	<pre>2. mysql&gt; set autocommit=0;    Query OK, 0 rows affected (0.00 sec) 3. mysql&gt; select * from bank where id=32 for update; +-----+-----+   id   debit   +-----+-----+   32   0   +-----+-----+ 1 row in set (0.00 sec)  5. mysql&gt; commit;    Query OK, 0 rows affected (0.00 sec)</pre>
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```
.  
. .  
6. mysql> update bank set debit=333 where id=32;  
Query OK, 1 row affected (3.20 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
7. mysql> select * from bank;
```

```
+-----+-----+  
| id | debit |  
+-----+-----+  
| 32 | 333 |  
| 66 | 3453 |  
+-----+-----+  
2 rows in set (0.00 sec)
```

```
9. mysql> commit;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
10. mysql> select * from bank;
```

```
+-----+-----+  
| id | debit |  
+-----+-----+  
| 32 | 333 |  
| 66 | 3453 |  
+-----+-----+  
2 rows in set (0.00 sec)
```

```
8. mysql> select * from bank;
```

```
+-----+-----+  
| id | debit |  
+-----+-----+  
| 32 | 0 |  
| 66 | 3453 |  
+-----+-----+  
2 rows in set (0.00 sec)
```

```
11. mysql> select * from bank;
```

```
+-----+-----+  
| id | debit |  
+-----+-----+  
| 32 | 0 |  
| 66 | 3453 |  
+-----+-----+  
2 rows in set (0.00 sec)
```

```
12. mysql> commit;
```

Query OK, 0 rows affected (0.00 sec)

**13.** mysql> select \* from bank;

+-----+-----+

| id | debit |

+-----+-----+

| 32 | 333 |

| 66 | 3453 |

+-----+-----+

2 rows in set (0.00 sec)