



UNCA

Præteritum Noscere Posterum Nolere

BASE DE DATOS II
Concurrencia

Ejercicio 2

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

<pre>mysql> set autocommit=0; Query OK, 0 rows affected (0.01 sec) mysql> select * from bank where id=32 for update; +-----+-----+ id debit +-----+-----+ 32 999 +-----+-----+ 1 row in set (0.00 sec) mysql> rollback; Query OK, 0 rows affected (0.00 sec)</pre>	<pre>mysql> set autocommit=0; Query OK, 0 rows affected (0.00 sec) mysql> update bank set debit=666 where id=32; . mysql> update bank set debit=666 where id=32; Query OK, 1 row affected (13.02 sec) Rows matched: 1 Changed: 1 Warnings: 0</pre>
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```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
| 32 | 999 |
| 66 | 3453 |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
| 32 | 999 |
| 66 | 3453 |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> commit;
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
```

```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
| 32 | 666 |
| 66 | 3453 |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> commit;
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
| 32 | 666 |
| 66 | 3453 |
+-----+-----+
2 rows in set (0.01 sec)
```

```
mysql> select * from bank;
+-----+-----+
| id | debit |
+-----+-----+
| 32 | 666 |
| 66 | 3453 |
```

```
| 32 | 666 |  
| 66 | 3453 |  
+-----+-----+  
2 rows in set (0.01 sec)
```

```
+-----+-----+  
2 rows in set (0.01 sec)
```