

Task C9.2.3

Read Committed Isolation level promises higher throughput, so it may be useful to use even though you now know the dangers of lost updates. How are lost updates prevented in MySQL using Read Committed isolation level?

To prevent lost updates in Read Committed isolation level we can use Lock in share mode.

```
SELECT * FROM table LOCK IN SHARE MODE;
```

with Read Committed mode, each new read starts with its own version of database which is the latest updated version of database. With LOCK IN SHARE MODE, when select statement gets executed it a snapshot gets locked for that statement until the freshest rows ends. This minimize the possibilities of lost updates.