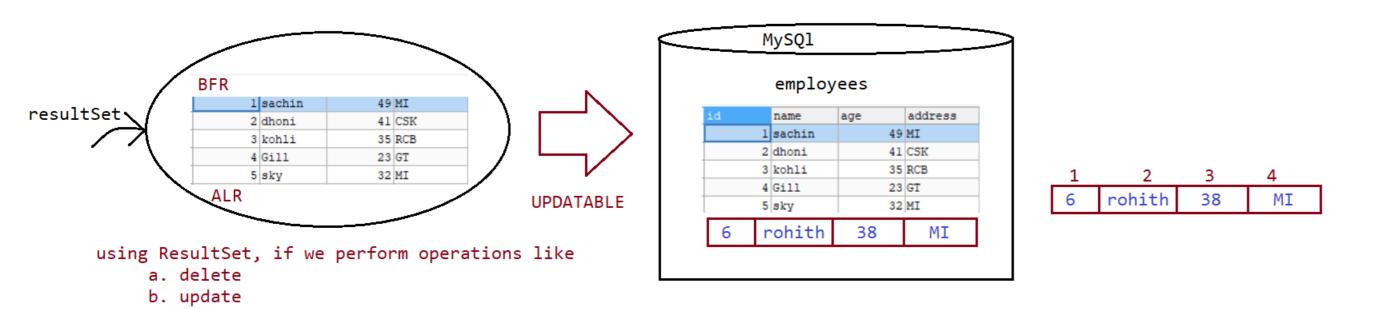
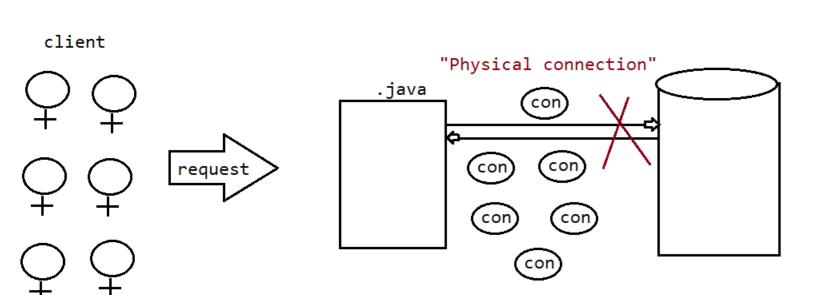


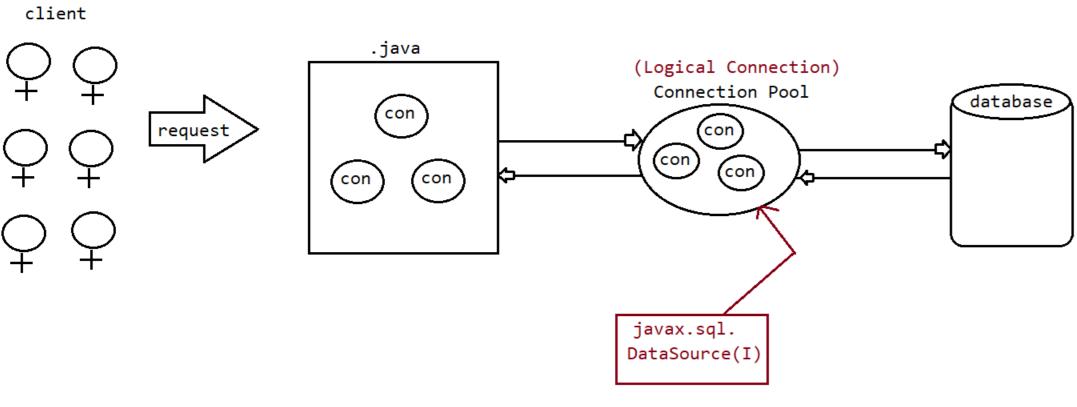
Assume some updations is happening on the records in the database, will it be reflected automatically in the same resultSet object or not?





performance is low

- a. creating connection object when user sends request, takes time.
   b. after using connection object, destory the connection object
- takes time.



## Advantages ========

- We need not want to make clients wait to get the connection object, if connection object is available pick from connection pool and give the connection object for service.
- 2. After using the connection object, connection object will be returned back to connection pool so it supports reusability.

c. insert

The no of objects created in the connection pool depends of the dbvendor and since the count of objects is less(10), it is not suitable for production environment.

DBVendors also supplied "Connection poooling" mechanism in the jars.

The best suited vendor who supplies connection pooling mechanism is "hikaricp". 

"default supported in springboot"

For MySQL database to implement Connection pooling we need to use the class called "com.mysql.cj.jdbc.MysqlConnectionPoolDataSource"

monday -> javax.sql.RowSet and connection pool of hikaricp project of JDBC(desing pattern)

tuesday -> ServletAPI