**JDBC Template**

Spring **JdbcTemplate** is a powerful mechanism to connect to the database and execute SQL queries. It internally uses JDBC api, but eliminates a lot of problems of JDBC API.

**Problems with JDBC API**

* **We need to write a lot of code before and after executing the query, such as creating connection, statement, closing resultset, connection etc.**
* **We need to perform exception handling code on the database logic.**
* **We need to handle transaction.**
* **Repetition of all these codes from one to another database logic is a time consuming task.**

**DataSource Object, DriverManagerDataSource**Need to set the url, password, driver, class

Above configuration with properties

spring.datasource.driver-class=com.mysql.jdbc.Driver

spring.datasource.url=jdbc:mysql://localhost:3306/{dbname}

spring.datasource.username

Spring.datasource.password

Methods available in jdbcTemplate class