JDBC

**Java Database Connectivity**

**#How JDBC works?**

JDBC is a process to connect to the database with java.

At first we have to add a jar file (mysql connector java/ ODBC for oracle). As we know java cannot connect with database directly, for that **we need a driver class as** an interpreter, Once we initialize the driver **using the driver manager** class ,it will invoke getConnection() method which will return connection interface , Once i have a connection then using the reference of connection interface will **invoke createStatement() method** which will return statement interface.

once I have the statement, I will send a sql query using execute query method which returns resultSet interface. Once I have my data, I will iterate through in order to store the data into the data structure (array, array list). so that in the future I can use those data into upcoming projects.

\*\*UserID

\*\*Password

\*\*Path

Other/Details:

1. Import the package – java.sql

2. Load the driver – using my sql connector jar(for eclipse) – com.mysql.jdbc.driver

3. Register the driver- forName() method

4. Establish the connection – getConnection() – connection interface

5. Create statement – prepared statement, callable statement – statement interface

6. Execute the query – executeQuery()

7. Process result – resultSet Interface

8. Close