**JDBC 7 steps:**

1.Import the packages(java.sql.\*)

2.Load and Register the Driver (com.mysql.jdbc.Driver)

a. Load the Driver (Mysql-connector jar file)

b. Register the Driver Class.forName("com.mysql.jdbc.Driver");

3. Establish the Connection

For connection we have to instentiate the interface called Connection

4.Create the Statement (we have three types of statements)

Statements:(When you want to execute the query then go for this one)

PreparedStatements:(When you have predefined query but different value )

CallableStatements:(We will use this for procedural language stored procedure)

5.Execute the Query

6.Process the result

7.Close the connection.

**JDBC Connection Code:**

Import.java.sql.\*;

Public static void main(String[] args){

Class.forName("com.mysql.jdbc.Driver");

Connection conn = DriverManager.getConnection(url,username,password);

Statement st = conn.createStatement();

ResultSet rs= st.executeQuery("select \* from student");

Rs.next();

Rs.getInt(1)+""+rs.getString(2);

Rs.next();

While(rs.next()){

Sysout(Rs.getInt(1)+""+rs.getString(2));  
}

}

**How to Add the JDBC Driver in Eclipse project:**

Right click on project->build path->configure build path->click on add external JARs->

**How to install the MySQL-workbench:**

Mysql.com->MySQL Community (GPL)Downloads->MySQLInstallerForWindows->Download->NoThanks,Just download->click-on-.exe file->chooseCustom->Next->MySqlServerChooseLatestVerson->Application->MysqlWorkBench,MysqlShell->Next->Execute->agree->next->execute->next->next->next->inter-your-own-password->next->next->execute->finish

**How to download the mysql-work-bench:**

**Watch: till 5:20 min only**

**https://www.youtube.com/watch?v=OM4aZJW\_Ojs&t=118s**