**1. Steps to connect to a database using JDBC:**

1. Load the driver.

2. Define the connection.

3. Establish the connection.

4. Create a statement object

5. Execute a query using statement.

6. Process the result.

7. Close the connection.

**2. a. executeQuery()** allows the execution of a select statement to the database which returns

a result set. Using method like

Statement stmt = con.createStatement(); (creating new statement)

ResultSet rs = stmt.executeQuery("SELECT \* FROM tablename"); (to print the query result)

**b. executeUpdate()** allows the execution of an update, insert, or delete statement to

the database which returns the number of rows modified. Method use to update the database using columns and values.

**c. next()** moves the cursor of to the next row.