JDBC connection:

```
import java.sql.*;

class Demo {
	public static void main(String args[]) throws SQLException {
		try {
			//step1 load the driver class
			Class.forName("oracle.jdbc.driver.OracleDriver");
			System.out.println("connected");

			//step2 create  the connection object
			Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "root");

			//step3 create the statement object
			Statement stmt = con.createStatement();

			//step4 execute query
			ResultSet rs = stmt.executeQuery("select * from Student");
			while (rs.next())
				System.out.println(rs.getInt(1) + "  " + rs.getString(2));

			//step5 close the connection object
			con.close();

		}

		catch (ClassNotFoundException ex) {
			System.out.println("unable to load driver class!");

		}
	}
}
```

Ex2: Demo2.java

```
//Inserting values in database table using JDBC

import java.sql.*;

class Demo2
{

public static void main(String args[])
{
try
{
String query1 =  "INSERT INTO Student (ID, Name)"
		 + "VALUES ('4', 'ABC')";
```

```
String query2 =  "INSERT INTO student (ID, Name)"
              + "VALUES ('5', 'JHON')";

String query3 =  "INSERT INTO student (ID, Name)"
              + "VALUES ('6', 'Vasuda')";


//Loading and registering Oracle database thin driver
Class.forName("oracle.jdbc.driver.OracleDriver");

//Creating a connection between Java program and Oracle database.
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system", "root");

//Creating a Statement object to excute SQL statements
Statement stmt = con.createStatement();

//Executing a SQL INSERT query using executeUpdate()  method of Statement object.
int count = stmt.executeUpdate(query1);
System.out.println("Number of rows updated in database =  " + count);

//Executing next SQL INSERT query using executeUpdate()  method of Statement object.
count = stmt.executeUpdate(query2);
System.out.println("Number of rows updated in database = " + count);

//Executing next SQL INSERT query using executeUpdate()  method of Statement object.
count = stmt.executeUpdate(query3);
System.out.println("Number of rows updated in database = " + count);

}
catch(Exception e)
{
System.out.println(e);
}
}
}
```