**JDBC**

**We need to type 4 mysql driver class in the form jar file inside a project**

1. **Manually**
2. **Using build tool ie maven or gradle.**

**After connect to DB using Connection reference.**

**Now we need to create type of Statement**

1. **Statement**
2. **PreparedStatement**

**Statement is an interface which provide set of methods which help to do Operation on database using JDBC code(java Code).**

**stmt.executeUpdate(“DML Query”) return type is int**

**stmt.executeQuery(“select clause”) return type is ResultSet interface reference.**

**PreparedStatement : PreparedStatement support parameterized dynamic query concept.**

**In Statement whenever we execute any query that query compile in java side, then send to database and execute and get the result.**

**In PreparedStatement, query compile only once and execute n number times on database side.**

**Maven is build tool : build tool responsible to compile, run, creating jar or war file, creating documentation, download dependencies like external file jar, maintain common project structure between more than one IDE.**

**Database programming langauge**

**Table JavaBean class**

**Product Product**

**Pid,pname,price column pid,pname,price variable**

**1,TV,56000 Product p = new Product(1,”TV”,56000)**

**Dao class : Data Access Object :This class contains pure database logic.**