

```
Microsoft Windows [Version 10.0.22621.819]
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C:\Users\nitin>set path=C:\Program Files\Java\jdk1.8.0_202\bin;

C:\Users\nitin>set classpath=D:\jars\mysql-connector-j-8.0.31.jar

C:\Users\nitin>D:|

D:\>echo %path%
C:\Program Files\Java\jdk1.8.0_202\bin;

D:\>jars\mysql-connector-j-8.0.31.jar

D:\jars\mysql-connector-j-8.0.31.jar

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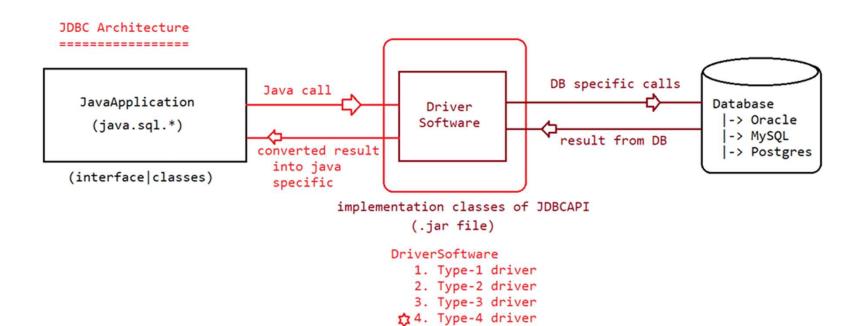
D:\>java com.mysql.cj.jdbc.Driver
Compiled from "Driver.java"
public class com.mysql.cj.jdbc.Driver extends com.mysql.cj.jdbc.NonRegisteringDriver implements java.sql.Driver {
    public class com.mysql.cj.jdbc.Driver() throws java.sql.SQLException;
    static {};
}

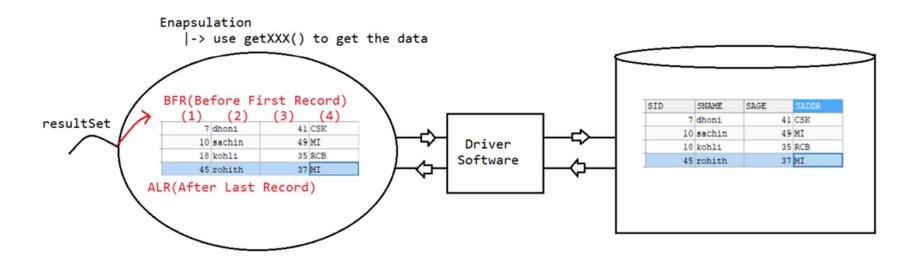
D:\>
```

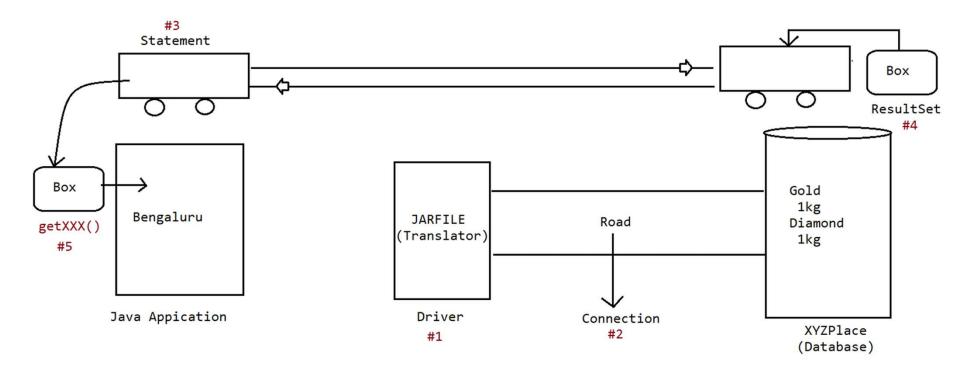
```
D:\>javap java.sql.DriverManager
Compiled from "DriverManager.java"
public class java.sql.DriverManager {
  static final java.sql.SQLPermission SET_LOG_PERMISSION;
  static final java.sql.SQLPermission DEREGISTER_DRIVER_PERMISSION;
  public static java.io.PrintWriter getLogWriter();
  public static void setLogWriter(java.io.PrintWriter);
 public static java.sql.Connection getConnection(java.lang.String, java.util.Properties) throws java.sql.SQLException;
 public static java.sql.Connection getConnection(java.lang.String, java.lang.String, java.lang.String) throws java.sql.SQLException;
 public static java.sql.Connection getConnection(java.lang.String) throws java.sql.SQLException;
 public static java.sql.Driver getDriver(java.lang.String) throws java.sql.SQLException;
  public static synchronized void registerDriver(java.sql.Driver) throws java.sql.SQLException;
                synchronized void registerDriver(java.sql.Driver, java.sql.DriverAction) throws java.sql.SQLException
 public static synchronized void deregisterDriver(java.sql.Driver) throws java.sql.SQLException;
 public static java.util.Enumeration<java.sql.Driver> getDrivers();
 public static void setLoginTimeout(int);
 public static int getLoginTimeout();
 public static void setLogStream(java.io.PrintStream);
 public static java.io.PrintStream getLogStream();
                                                           D:\JDBCPGMS>javap java.sql.Connection
 public static void println(java.lang.String);
                                                           Compiled from "Connection.java"
 static {};
                                                             public static final int TRANSACTION_NONE:
```

D:\>

```
public interface java.sql.Connection extends java.sql.Wrapper,java.lang.AutoCloseable {
 public static final int TRANSACTION_READ_UNCOMMITTED;
  public static final int TRANSACTION_READ_COMMITTED:
 public static final int TRANSACTION_REPEATABLE_READ;
 public static final int TRANSACTION_SERIALIZABLE:
 public abstract java.sql.Statement createStatement() throws java.sql.SQLException;
 public abstract java.sql.PreparedStatement prepareStatement(java.lang.String) throws java.sql.SQLException;
 public abstract java.sql.CallableStatement prepareCall(java.lang.String) throws java.sql.SQLException;
 public abstract java.lang.String nativeSQL(java.lang.String) throws java.sql.SQLException;
 public abstract void setAutoCommit(boolean) throws java.sql.SQLException;
 public abstract boolean getAutoCommit() throws java.sql.SOLException;
 public abstract void commit() throws java.sql.SQLException;
 public abstract void rollback() throws java.sql.SOLException;
 public abstract void close() throws java.sql.SQLException;
 public abstract boolean isClosed() throws java.sql.SQLException;
 public abstract java.sql.DatabaseMetaData getMetaData() throws java.sql.SQLException;
 public abstract void setReadOnly(boolean) throws java.sql.SQLException;
 public abstract boolean isReadOnly() throws java.sql.SQLException;
 public abstract void setCatalog(java.lang.String) throws java.sql.SQLException;
 public abstract java.lang.String getCatalog() throws java.sql.SQLException;
 public abstract void setTransactionIsolation(int) throws java.sql.SQLException;
 public abstract int getTransactionIsolation() throws java.sql.SQLException;
 public abstract java.sql.SQLWarning getWarnings() throws java.sql.SQLException;
 public abstract void clearWarnings() throws java.sql.SQLException;
```







Path: It is an environmental variable associated with Operating System.

These environmental variables are used to inform the location of .exe files of the softwares which needs to run from command prompt.

set path =...../bin

|=> .exe files

ClassPath: It is an environmental variables associated with "Java Programs".

Java developer uses this environmental variable and inform the jdk s/w
to search for the required .class files(normally used in jdbc,servlet,hibernate,springmvc,..)

set classpath=****.jar

|=> .class files