

[https://github.com/lixy1979/java\\_week\\_07](https://github.com/lixy1979/java_week_07)

<https://youtu.be/goX3N4W9Xwc>

## Solutions

### Pom. xml

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.promineotech</groupId>
  <artifactId>mysql-java</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <properties>
    <java.version>11</java.version>
  </properties>
  <dependencies>
    <dependency>
      <groupId>com.mysql</groupId>
      <artifactId>mysql-connector-j</artifactId>
      <version>8.0.32</version>
    </dependency>
  </dependencies>
  <build>
    <pluginManagement>
      <plugins>
        <plugin>
          <groupId>org.apache.maven.plugins</groupId>
          <artifactId>maven-compiler-plugin</artifactId>
          <version>3.10.1</version>
          <configuration>
            <source>${java.version}</source>
            <target>${java.version}</target>
          </configuration>
        </plugin>
      </plugins>
    </pluginManagement>
  </build>
</project>
```

### DbConnection. java

```
package projects.dao;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import projects.exception.DbException;

public class DbConnection {
    private static String HOST = "localhost";
```

```

        private static String PASSWORD = "projects";
        private static int PORT = 3306;
        private static String SCHEMA = "projects";
        private static String USER = "projects";

        public static Connection getConnection() {
            String uri =
String.format("jdbc:mysql://%s:%d/%s?user=%s&password=%s", HOST, PORT, SCHEMA,
                USER, PASSWORD);

            try {
                Connection conn = DriverManager.getConnection(uri);
                System.out.println("Connection to schema '" + SCHEMA + "' is
successful.");
                return conn;
            } catch (SQLException e) {
                System.out.println("Unable to get connection at " + uri);
                throw new DbException("Unable to get connection at \"" + uri);
            }
        }
    }
}

```

### **ProjectsApp.java**

```

/**
 *
 */
package projects;

import projects.dao.DbConnection;

/**
 * @author lixy4
 *
 */
public class ProjectsApp {

    /**
     * @param args
     */
    public static void main(String[] args) {
        DbConnection.getConnection();
    }
}

```

### **.gitignore**

```

.settings/
/target/

```