

Youtube link <https://youtu.be/UbArZpoz3pl>

Git link: <https://github.com/keith1221221/MySQL/tree/main/mysql-javaca>

```
package projects;
```

```
import projects.dao.DbConnection;
```

```
public class ProjectsApp {
```

```
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        DbConnection.getConnection();  
    }
```

```
}  
  
<?xml version="1.0" encoding="UTF-8" ?>  
<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-javaca</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>8.0.31</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>
```

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```
        </plugin>
    </plugins>
</pluginManagement>
</build>

</project>
package projects.dao;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

import projects.exceptions.DbException;

public class DbConnection {
    private static final String SCHEMA = "projects";
    private static final String USER = "projects";
    private static final String PASSWORD = "projects";
    private static final String HOST = "localhost";
    private static final int PORT = 3306;

    public static Connection getConnection() {
        String url =
            String.format("jdbc:mysql://%s:%d/%s?
user=%s&password=%s&useSSL=false",
                        HOST, PORT, SCHEMA, USER,
PASSWORD);
        System.out.println("Connecting with url=" +
url);

        try {
            Connection conn =
DriverManager.getConnection(url);
            System.out.println(" Successfully
obtained connection!");
            return conn;
        } catch (SQLException e) {
            throw new DbException(e);
        }
    }
}

package projects.exceptions;

public class DbException extends RuntimeException {
```

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```
public DbException() {
    // TODO Auto-generated constructor stub
}

public DbException(String message) {
    super(message);
    // TODO Auto-generated constructor stub
}

public DbException(Throwable cause) {
    super(cause);
    // TODO Auto-generated constructor stub
}

public DbException(String message, Throwable cause) {
    super(message, cause);
    // TODO Auto-generated constructor stub
}

}
```