

Java Budget Tracker – Setup & Commands Guide

• JDBC Driver Setup

To connect your Java project to MySQL, you need the **MySQL JDBC** driver.

Path to keep the driver:

```
C:\Users\UseR\Downloads\apache-tomcat-9.0.104\lib\mysql-connector-j-9.2.0.jar
```

 This location ensures that **Tomcat automatically loads the driver** at runtime.

• Compile Java Files

You must compile all **.java** files into the **WEB-INF\classes** folder so Tomcat can run them.

Project Java source files are here:

```
C:\Users\UseR\Downloads\apache-tomcat-9.0.104\webapps\BudgetTracker\src\com\budget
```

Compile Command (Run from the **src** folder):

```
javac -cp
"C:\Users\UseR\Downloads\apache-tomcat-9.0.104\lib\servlet-api.jar;C:\Users\UseR\Downloads\apache-
tomcat-9.0.104\lib\mysql-connector-j-9.2.0.jar"
- d ../WEB-INF/classes com/budget/*.java
```

Make sure to run this command inside:

```
C:\Users\UseR\Downloads\apache-tomcat-9.0.104\webapps\BudgetTracker\src
```

This will compile and place **.class files** into:

```
WEB-INF\classes\com\budget
```

● Start & Stop Tomcat Server 🚀🛑

To run your application, use Tomcat's startup and shutdown scripts.

▶ Start Tomcat:

```
C:\Users\UseR\Downloads\apache-tomcat-9.0.104\bin\startup.bat
```

▣ Stop Tomcat:

```
C:\Users\UseR\Downloads\apache-tomcat-9.0.104\bin\shutdown.bat
```

🧠 After starting, open this in your browser:

```
http://localhost:8080/BudgetTracker
```