🛠️ Java Budget Tracker – Setup & Commands Guide

1️⃣ 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.

2️⃣ 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:\Us
ers\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
```

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3️⃣ 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
```

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