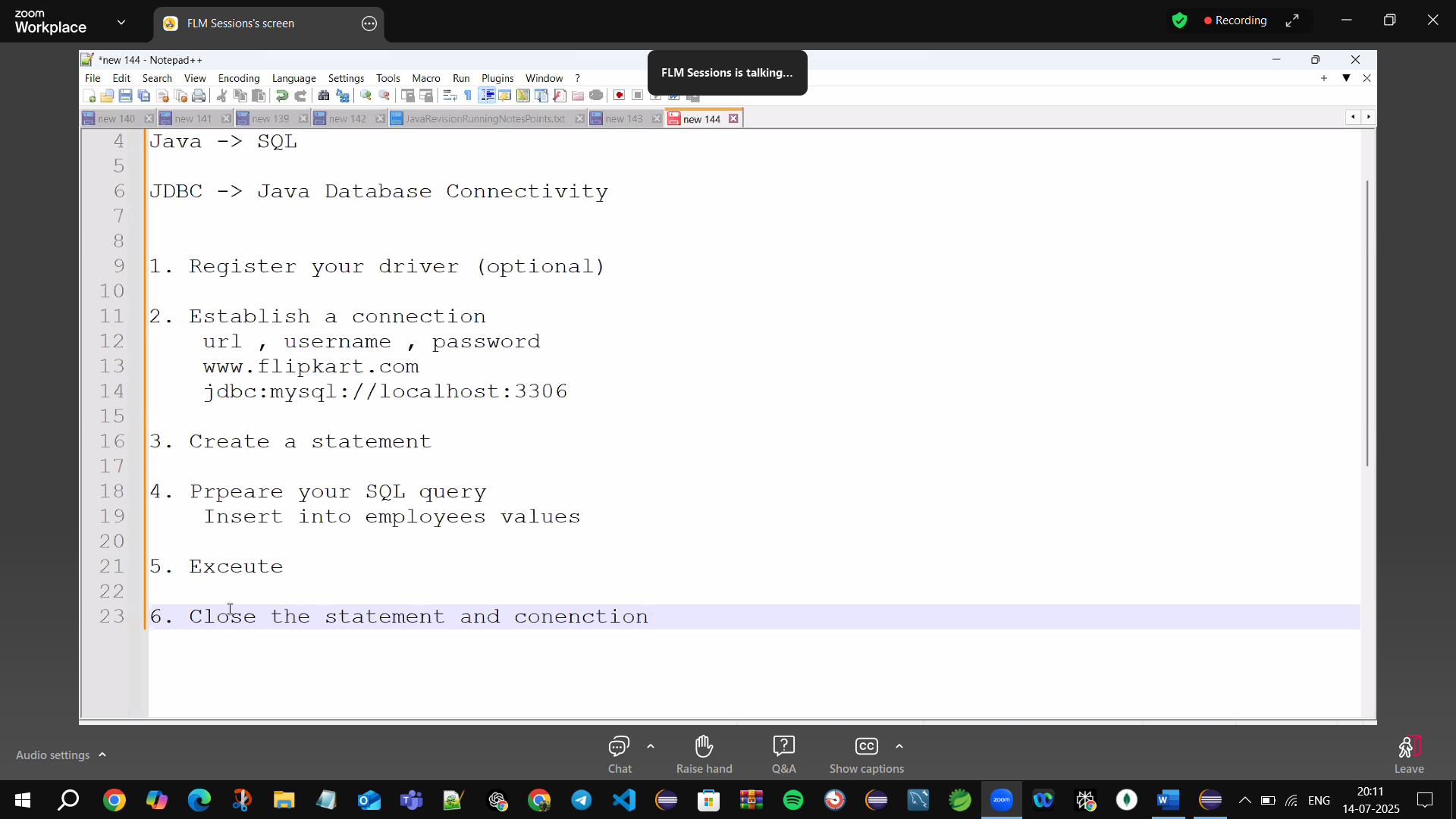
**1.JDBC: Java Database Connectivity**



6.close statements for not resources leakage

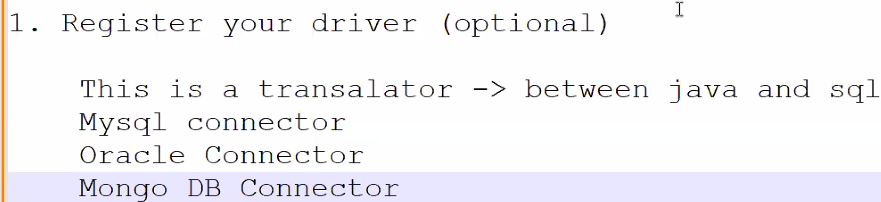
Trywithresources🡪Autoclose resources

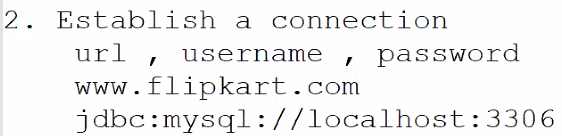
Auto close 🡪Implements Closable Interface

1.Driver🡪Translator 🡪B/w Java & SQL

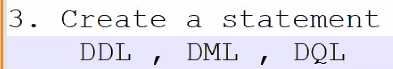
Connectors🡪ODBC, JDBC

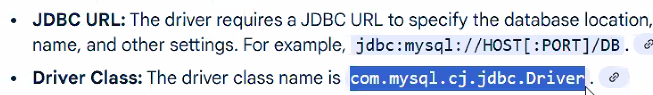
🡪Every data base has individual connectors





🡪getting internet through connection





com.mysql.cj.jdbc🡪package name & .Driver 🡪className

cj🡪Connector Java

jar🡪java archive file (contains🡪executable file(.exe)

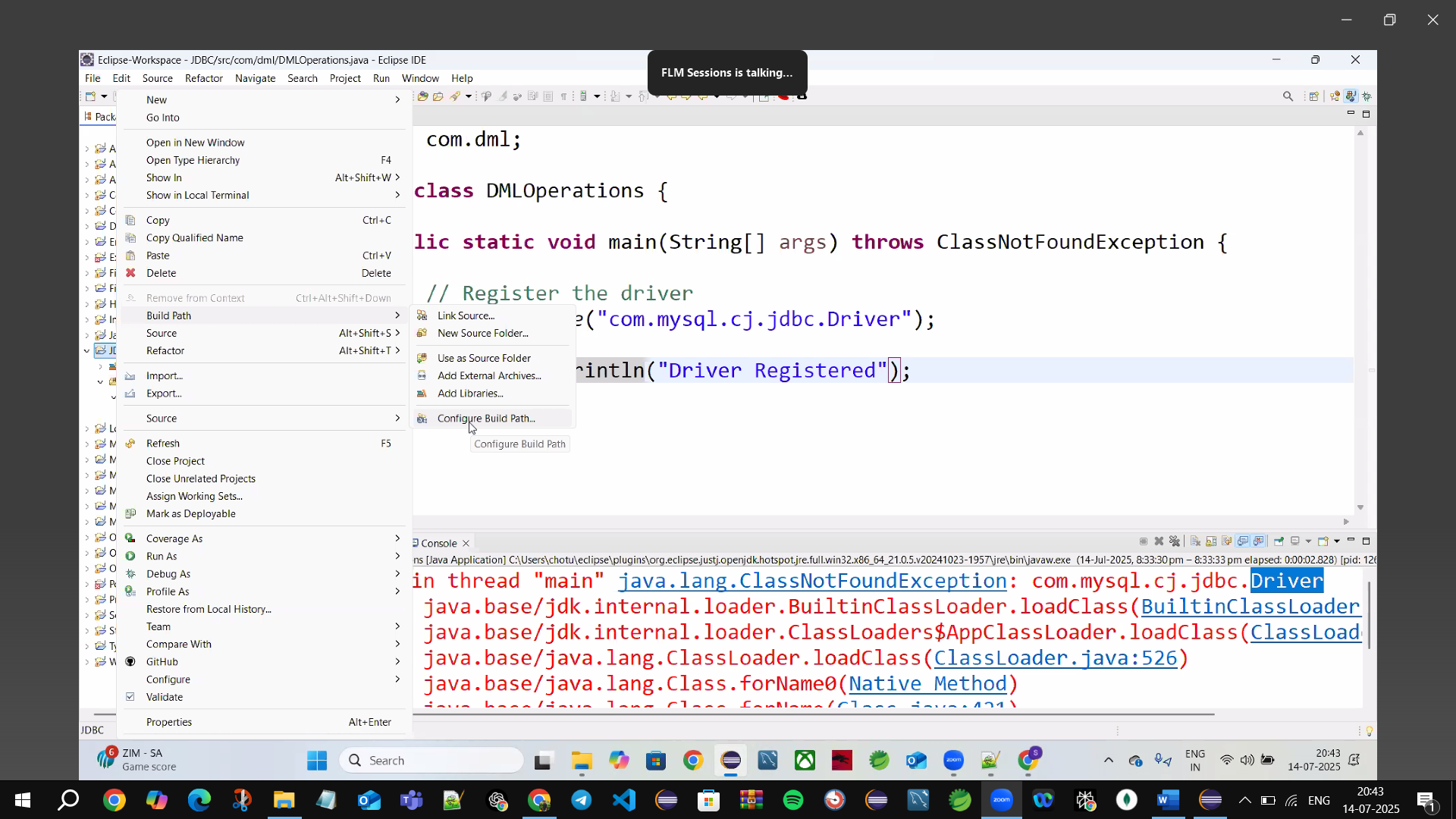
zip🡪extract & use

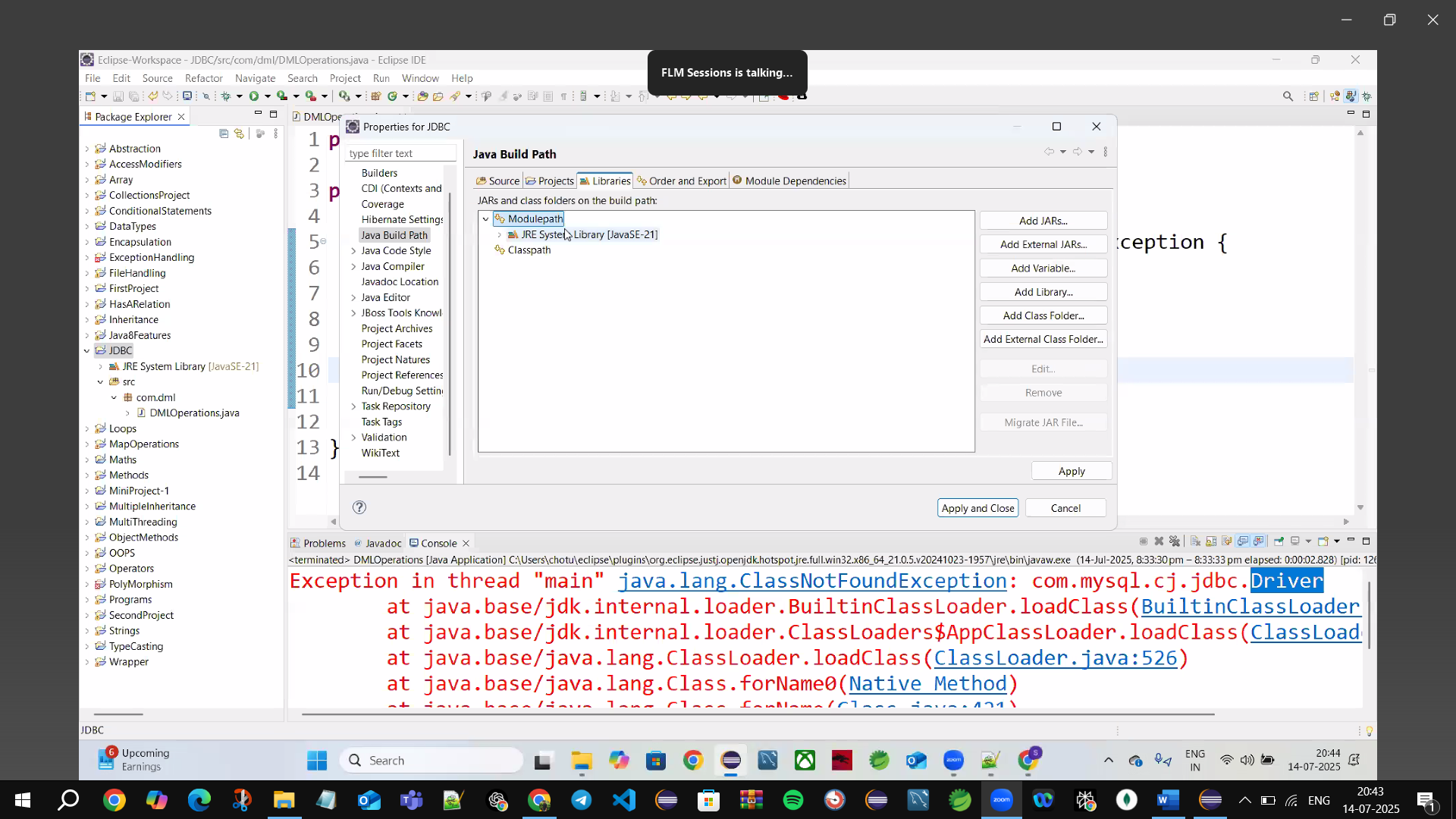
**Q) How to load External files in Eclipse?**

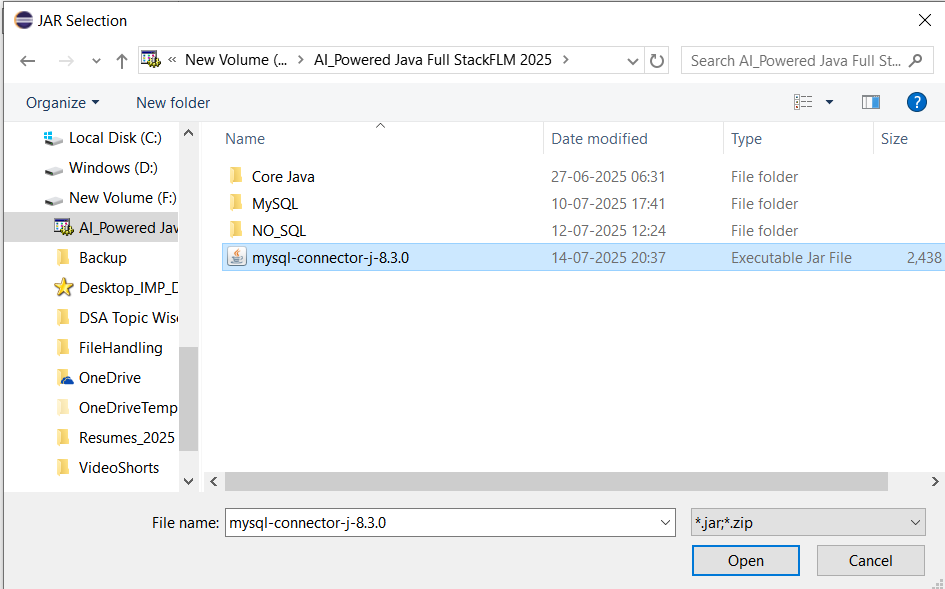
**Ans🡪 go to Maven Repository 🡪Configure Build path 🡪set libraries 🡪modulepath🡪add external Jars🡪add jar files🡪Apply & close**

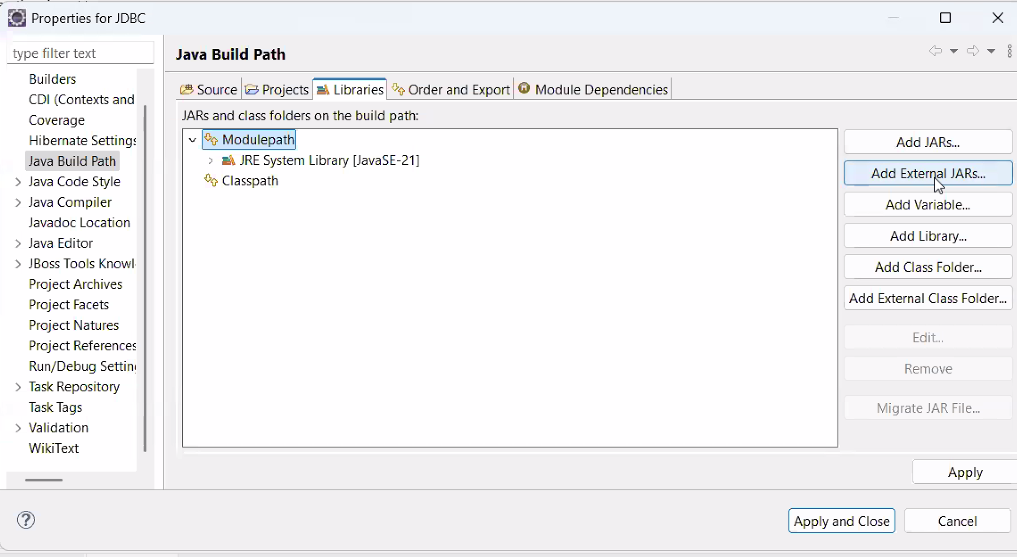
🡪Maven Repository (Central repository)

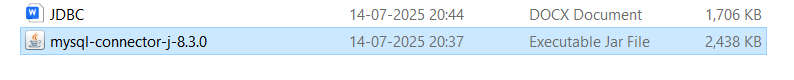
Right click🡪on Project🡪Build path 🡪Configure Build Path🡪Libraries🡪Modulepath🡪Add External JAR’s🡪Browse where jar files located🡪add Jar file🡪 Apply & close

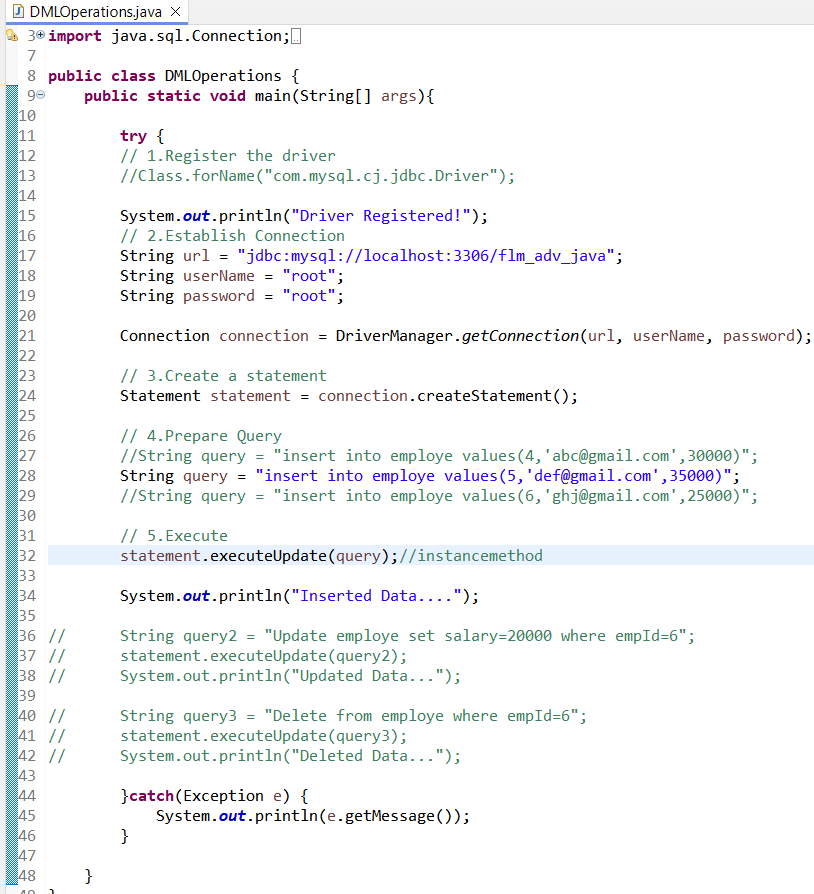


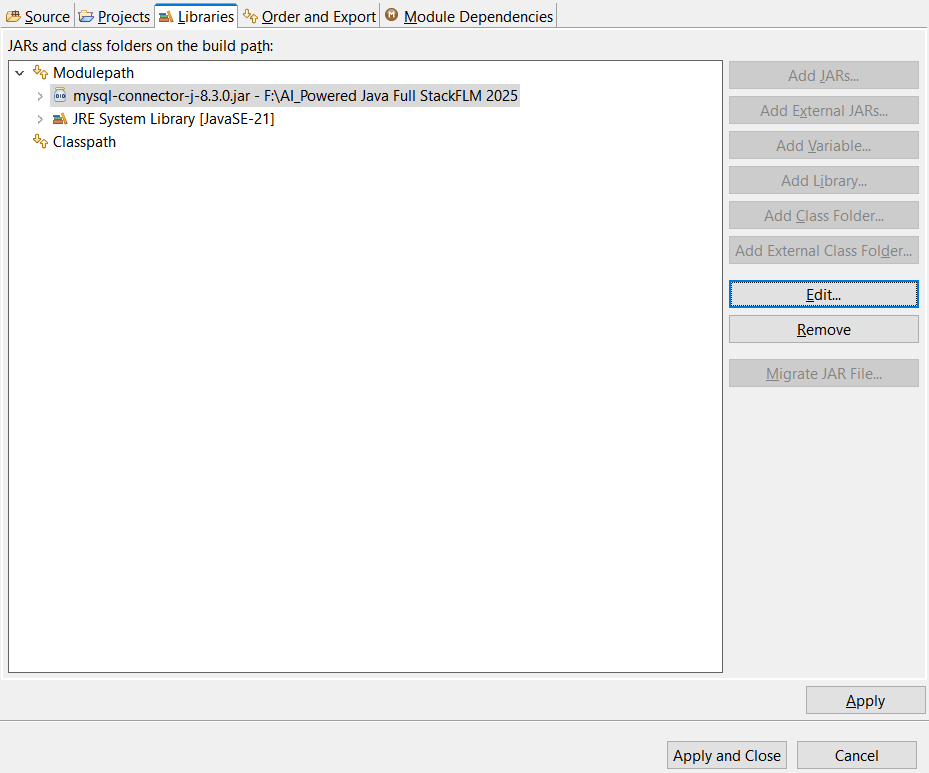


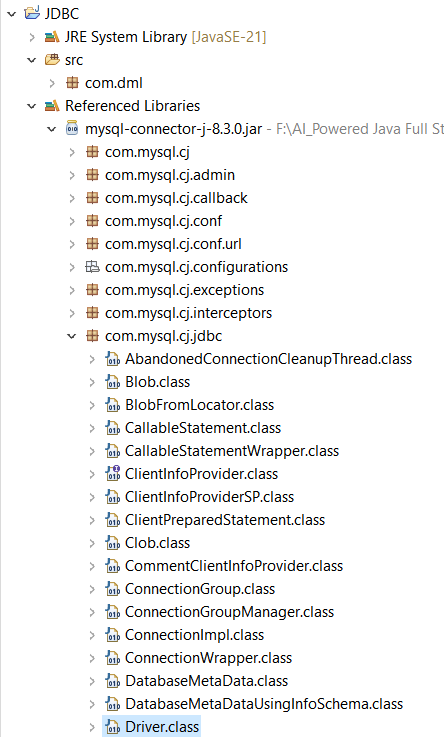


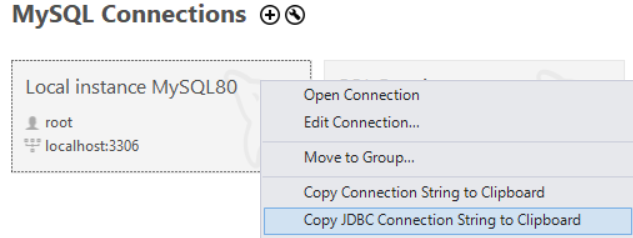






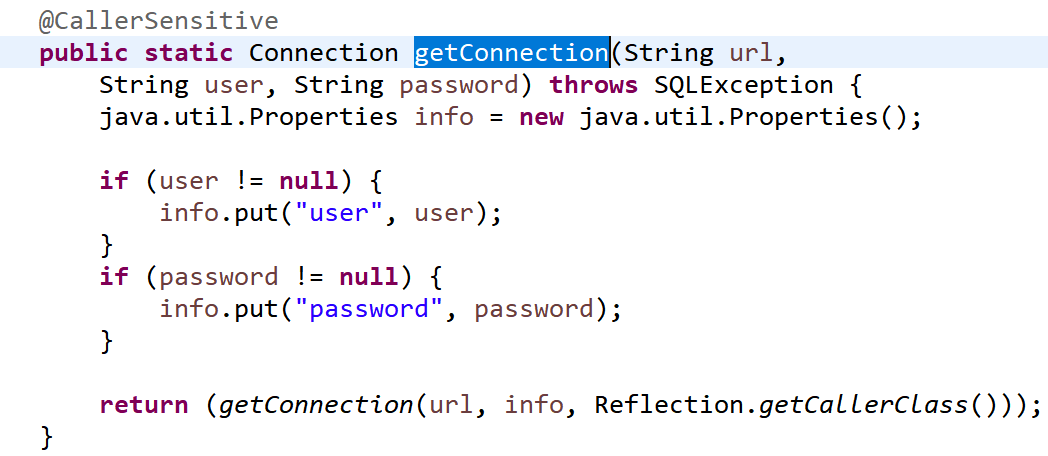




jdbc:mysql://localhost:3306/?user=root



Same Driver format



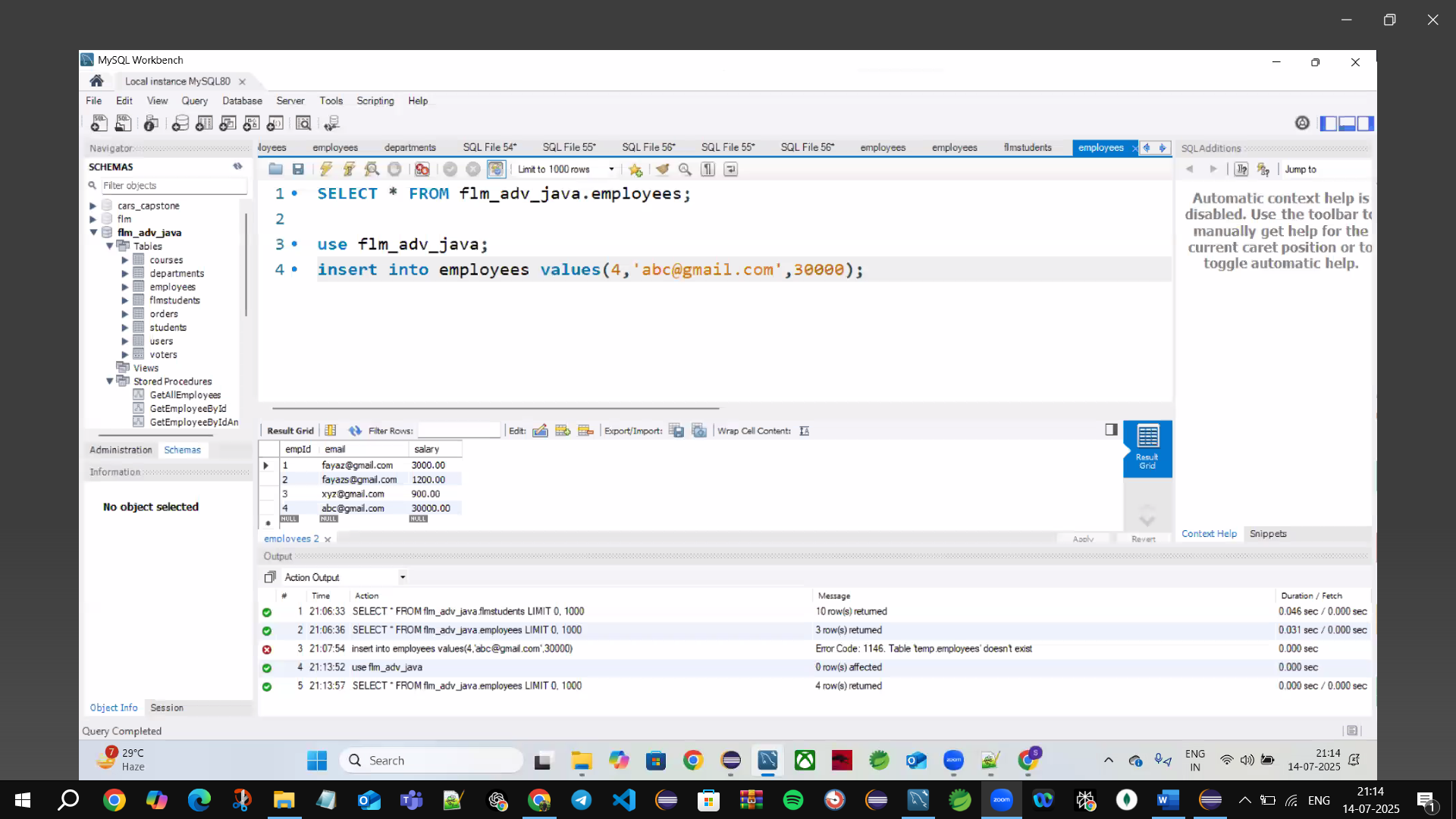
Connection 🡪class

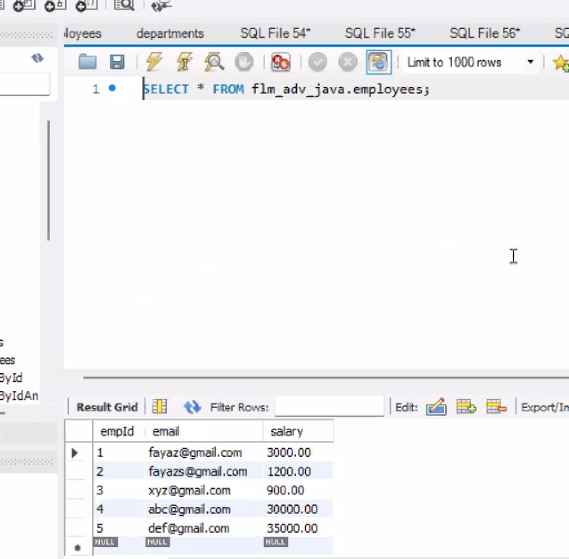


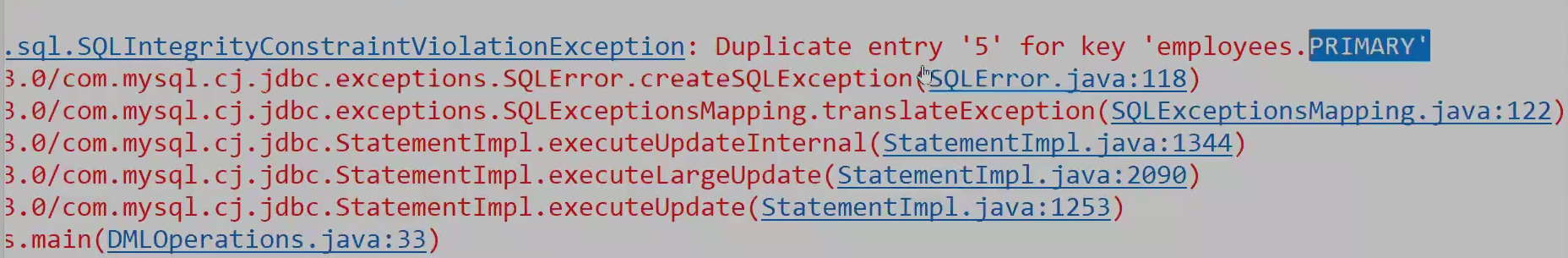
Parent reference holds child object

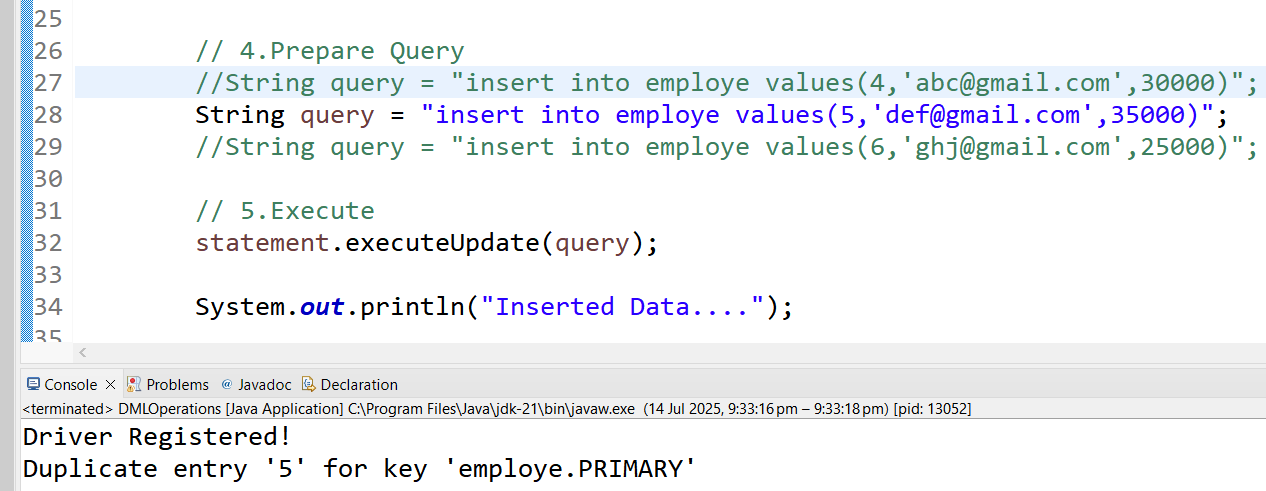


createStatement()🡪is an interface

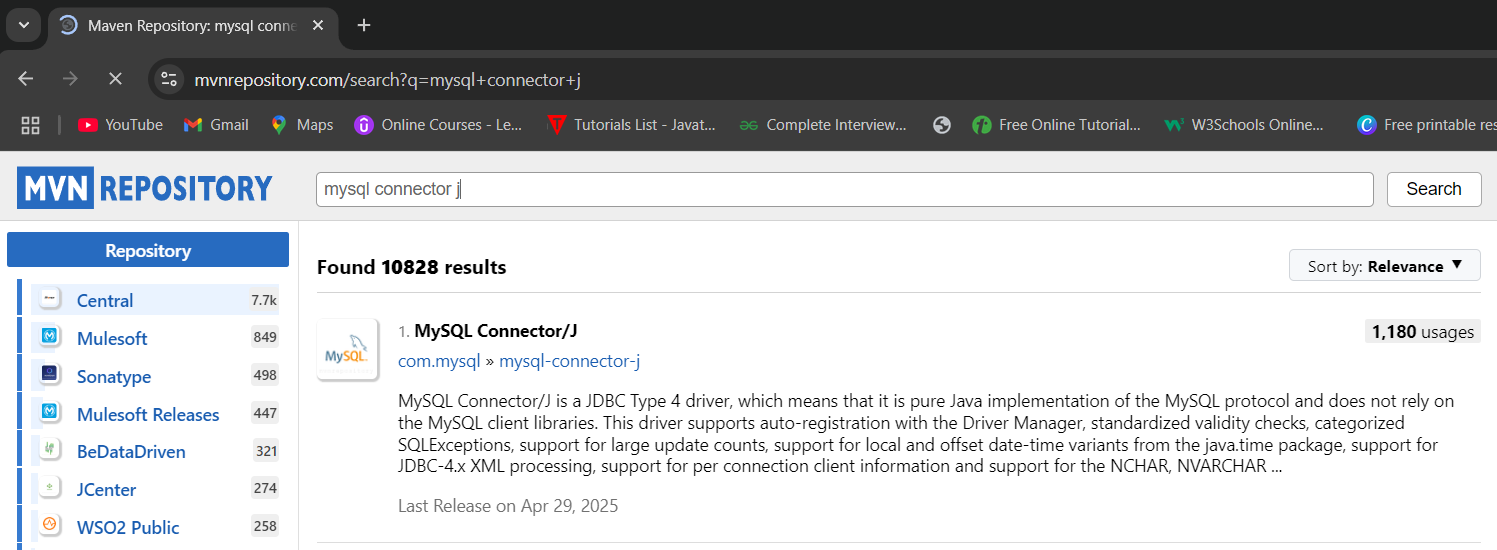




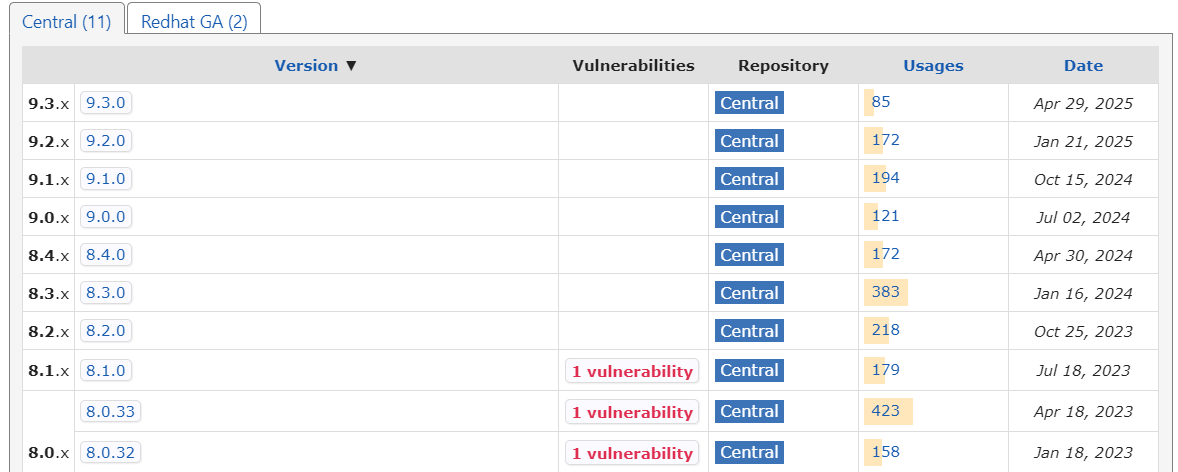
****



**By Insert Primary key again 🡪we will🡪get Exception🡪 that can be🡪Handled by 🡪Try & catch blocks**

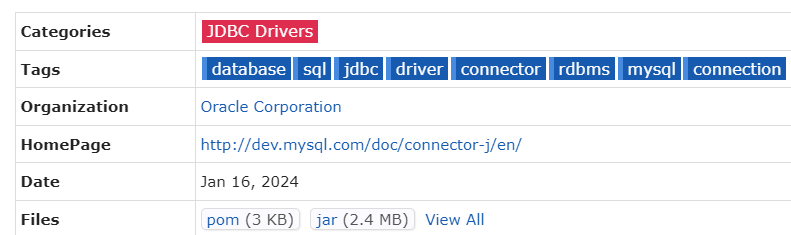


Select Versions🡪8.3.0

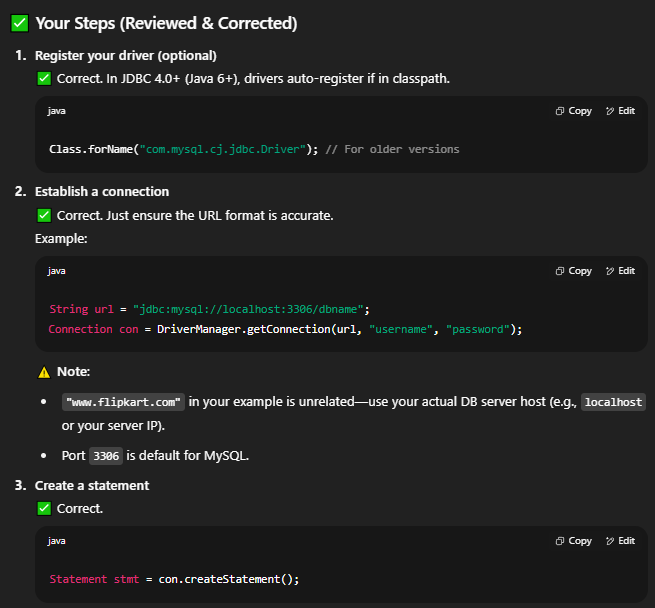


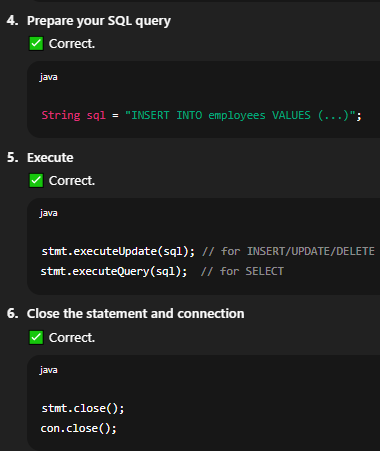
**🡪Download Jar🡪java archive file🡪it’s an executable file**

**🡪We add one Jar files @once for one Project**









**✅ Enhanced JDBC Steps (Based on Your 6 Steps)**

