MongoDB Java Connection Guide (Using Maven Project)

■ Requirements:

1   Java JDK 21 (installed and configured)
2   NetBeans IDE (or any Maven-supporting IDE)
3   MongoDB installed and running (default on localhost:27017)
4   Internet connection to download Maven dependencies

■ Step-by-Step: Create Maven Project & Connect MongoDB

1   Open NetBeans → File → New Project → Maven → Java Application → Next.
2   Enter Project Name (e.g., JavaMongoDbConnection), Group ID (e.g., com.mycompany), then Finish.
3   Open pom.xml and add MongoDB driver dependency:
4   org.mongodbmongodb-driver-sync4.10.2
5   Set Java version in : 21
6   Create a new Java class (e.g., MongoConnectionTest.java).
7   Paste connection code to connect MongoDB using MongoClient.
8   Right-click the file and run it. If MongoDB is running, it will print: 'Connected to MongoDB successfully!'