1. # Session 9: Database and Java

2. ## Intended Learning Outcome:
   a. Learn about Database and MySQL commands.
   b. Learn about JDBC and how to connect Database

3. ## Expected skills:
   - Knows what is RDBMS
   - Knows about SQL database and some basic SQL commands.
   - Knows what is JDBC.
   - Knows how to put data in Database.
   - Knows how to delete data from Database.
   - Can connect Java application with database.

4. ## Tools Required:
   a. JDK
   b. ECLIPSE / NETBEANS
   c. mysql-connector.jar file

5. ## Session Detail:
   1. Teacher will give lecture on: (20 min)
   - RDBMS, API, JDBC
   2. Teacher will show how to create MySQL database: (30 min)
   3. Teacher will show how to connect Database with a Java program. (30 min)
   4. Teacher will explain different methods used in the connector class. (30 min)
   5. Project Mentors Session (60 min)

6. ## Post Lab Exercise:
   a. Find out how to connect SQLite Database with you application.
   b. Take this quiz at home https://www.w3schools.com/sql/sql_quiz.asp

7. ## Further Readings:
   a. www.ccs.neu.edu/home/kathleen/classes/cs3200/JDBCtutorial.pdf
   b. https://www.w3schools.com/sql/
   c. https://www.tutorialspoint.com/jdbc/index.htm