1. **Session 9: Database and Java**
2. **Intended Learning Outcome:**
   1. Will basics of RDBMS.
   2. Will learn how to use JDBC api.
3. **Expected skills:  
   -** Can explain what database is and how it is better than file.  
   - Can connect java application with a database.  
   - Knows how to put data in Database.  
   - Knows how to delete data in Database.  
   - can implement String in code.  
   - can do basic operations on string.
4. **Tools Required:**

a. JDK   
b. ECLIPSE / NETBEANS

1. **Session Detail:**1. Teacher will tell what Relational Database is and what is an API - 20 min  
   2. Teacher will talk about some of the most popular database management system and give a brief about SQL. - 40 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 – 1 hours.
2. **Post Lab Exercise:**
3. **Further Readings:**
   1. http://www.javatpoint.com/jdbc-driver
4. http://www.javatpoint.com/DriverManager-class