

Worksheet 4

For this worksheet, we will use the “**employee.db**” database (you can download it from Brightspace). We will write a JAVA application to access this database to retrieve and maintain employee information.

Create a new JAVA project named **Week6Lab** and download the source file from the Brightspace and import these java files into your JAVA project properly.

Download the latest official JDBC driver for MySQL at the following link: <https://dev.mysql.com/downloads/connector/j/> and add its jar file to the project.

Exercises:

1. Review **getConnection()** method in JDBCTool.java file to make sure the information of user name and password are consistent with your database server.
2. Complete the method **getEmployeeByID(int eid)** in EmployeeDAO class to retrieve an employee with a given employee ID from the table.
3. Complete the method **deleteEmployeeByID(int eid)** in EmployeeDAO class to delete the employee with a given eid from the table.
4. Complete the method **updateEmployee(Employee e)** to update the employee information into the database.
5. Complete the method **insertEmployee(Employee e)** to add employee information into the database.
6. Complete Test.java and test these methods above.