# W2D2 Homework Answers

1.

**Answer:**

A.select ename , salary from emp   order by ename asc

D.select ename , salary from emp   order by ename  ;

2.

**Answer:**

A. INSERT INTO employees(employee\_id) VALUES (1000);

C. INSERT INTO employees VALUES(1000,’John’,’NULL’);

3.

**Answer:**

B. rs.getString("name");

C. rs.getString(1);

4.

**Answer:**

-Please see codes in git

5.

**Answer:**

-The java.lang.Class.forName(String name, boolean initialize, ClassLoader loader) method returns the Class object associated with the class or interface with the given string name, using the given class loader.

The specified class loader is used to load the class or interface. If the parameter loader is null, the class is loaded through the bootstrap class loader. The class is initialized only if the initialize parameter is true and if it has not been initialized earlier.

We use this to load the database drivers class to use the jdbc smoothly and/or to see the structure and contents of a certain object

6.

**Answer:**

Statement is used the for general-purpose access to your database. Useful when you are using static SQL statements at runtime. The Statement interface cannot accept parameters. While Prepared Statement is used when you plan to use the SQL statements many times. The PreparedStatement interface accepts input parameters at runtime. And Prepared statement can be supplied with dynamic arguments which makes it more flexible to use

7.

**Answer:**

Resultset.close();

Statement.close();

Connection.close();