# W2D2 Homework

# Question 1

Table emp, order by ename increasing，which one or more are correct?

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

B.select ename , salary from emp   order by ename desc

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

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

# Question 2

Table EMPLOYEES

EMPLOYEE\_ID        NUMBER          Primary Key

FIRST\_NAME             VARCHAR2(25)

 LAST\_NAME              VARCHAR2(25)

Which one insert one record to the table correctly?

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

B. INSERT INTO employees (first\_name,blast\_name) VALUES (‘John’,’Smith’);

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

D. INSERT INTO employees VALUES (‘1000’,’John’);

# Question 3

SELECT name, rank, serialNo FROM employee.

Which one to get the value of first column of rs?

A. rs.getString(0);

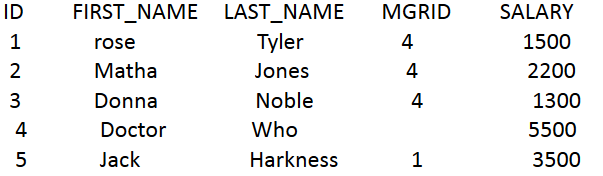
B. rs.getString("name");

C. rs.getString(1);

D. rs.getString(“ename”);

# Question4

At first in database, create a table Employee, id is primary key.



1. Create a table, and insert a record to the table, and print out all the data in the table

(6 Alex Lee 1 4500)

1. Modify the last\_name to “Tate” whose last\_name is “Jones” , and save it to database. And print out all the data in the table.

# Question 5

Why we use Class.forName?

**Class.forName** loads the class for the OracleDriver. With this, the driver can be used directly.

# Question 6

What’s the difference between Statement and PreparedStatement?

**Statement** - Does the parsing of the incoming sql query, compilation of the query, optimizing data acquision path and executing the optimized query.

**PreparedStatement** - is slightly more powerful than the statement and can be parametrized. Prepared statements usually does the first three steps done by the statement that lessens the database load time

# Question 7

How to close the resultset, statement and connection after we finished the database operation? Write the codes.

resultSet.close();

statement.close();

connection.close();