EXERCISE 1 - JEAN RAVEN MAGALING

1. Write the complete statement for creating a new database called addressbook

**create database addressbook;**

2. Which statement is used to list the information about a table? How do you use this statement?

**DESCRIBE table\_name** - It shows the column names, data types, and other information about the table.

3. How would you list all the databases available on the system?

**# SHOW DATABASES;**

1. Write the statement for inserting the following data in employee\_data table

use addressbook;

create table employee\_data (

f\_name varchar (20),

l\_name varchar (20),

title varchar (30),

age int,

years\_of\_service int,

salary int,

perks int,

email varchar(60)

);

INSERT INTO employee\_data (f\_name, l\_name, title, age, years\_of\_service, salary, perks, email)

VALUES ('Rudolf', 'Reindeer', 'Business Analyst', 34, 2, 95000, 17000, 'rudolf@bugnet.com');

DESCRIBE employee\_data;

SHOW DATABASES;

SELECT\*FROM employee\_data;

SELECT f\_name, l\_name, title, age, years\_of\_service, salary, perks, email FROM employee\_data;

SELECT salary, perks, years\_of\_service FROM employee\_data;

SELECT COUNT(\*) FROM employee\_data;

5. Give two forms of the SELECT statement that will list all the data in employee\_data table

form 1: SELECT \* FROM employee\_data;

**form 2: SELECT f\_name, l\_name, title, age, years\_of\_service, salary, perks, email FROM employee\_data;**

6. What will SELECT f\_name, email FROM employee\_data; display?

**It will display only the first name and email columns of all employees in the employee\_data table.**

7. Write the statement for listing data from salary, perks, and yos columns of employee\_data table

**SELECT salary, perks, years\_of\_service FROM employee\_data;**

8. How can you find the number of rows in a table using the SELECT statement?

**# SELECT COUNT(\*) FROM employee\_data;**

9. What will SELECT salary, l\_name FROM employee\_data; display?

**It will display only the salary and last name columns of all employees in the table.**