

University of Belize
Department of Mathematics, Physics, & Information
Technology

CMPS1171 - Introduction to Databases

Quiz #1

Exercise 1-1: Login as the postgres superuser and complete the following tasks below:

1. Create a database named **preschool**.
2. Create a new role for the **preschool** database named **preschool**. The password should be set to **quidnunc**.
3. Logout of the postgres account.

Exercise 1-2: Login to the **preschool** database that you just created as the user **preschool** and complete the following tasks:

1. Create a table named **Student** in a file named **students.sql** with the following column names and data types:
 - (a) **id** serial PRIMARY KEY
 - (b) **firstName** text NOT NULL
 - (c) **surname** text NOT NULL
 - (d) **dateOfBirth** date NOT NULL
2. Create a file named **students.txt** that contains data for five students. Each piece of data is separated by a comma.
3. Use the **copy** command to copy the five rows of data from **students.txt** into the **Student** table.
4. Insert an additional two rows into the **Student** table using the **INSERT INTO ... VALUES** command. You should have a total of seven rows in the **Student** table after completion of this command.
5. Write an SQL query to display only the column from the **Student** table that contains the date of births.
6. Write an SQL query to display the total number of students in the **Student** table.
7. Logout out of the **preschool** database.