Placement Empowerment Program

Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 17 : Install and Configure PostgreSQL

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Install and Configure PostgreSQL

Objective :

- ▢ Create a PostgreSQL user **kodekloud_gem** with password **B4zNgHA7Ya**.
- ▢ Create a database **kodekloud_db7**.
- ▢ Grant all privileges on the database to the new user.

Steps Performed :

1. **SSH into the database server :**
   - ssh peter@stdb01

2. **Switch to the postgres user :**
   - sudo su - postgres

3. **Open PostgreSQL shell :**
   - psql

4. **Create the user with password :**
   - CREATE USER kodekloud_gem WITH PASSWORD 'B4zNgHA7Ya';

5. **Create the database :**
   - CREATE DATABASE kodekloud_db7;

6. **Grant privileges on the database to the user :**
   - GRANT ALL PRIVILEGES ON DATABASE kodekloud_db7 TO kodekloud_gem;

7. **Verify the setup (optional)**
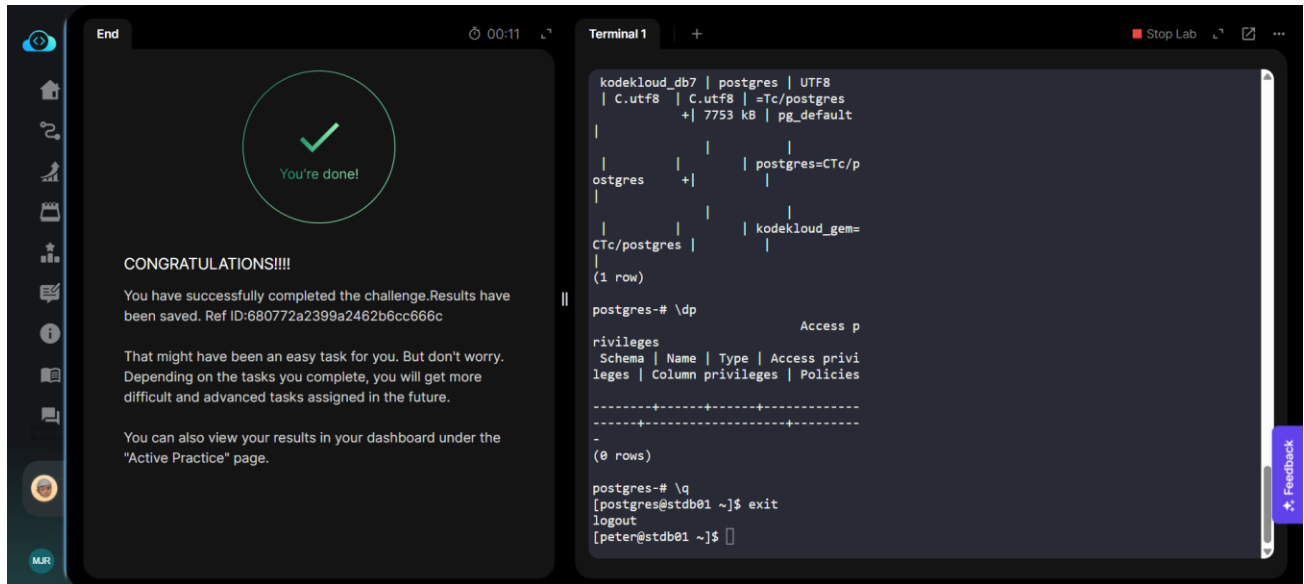   - List roles: \du
   - List databases: \l

8. **Exit PostgreSQL shell :**
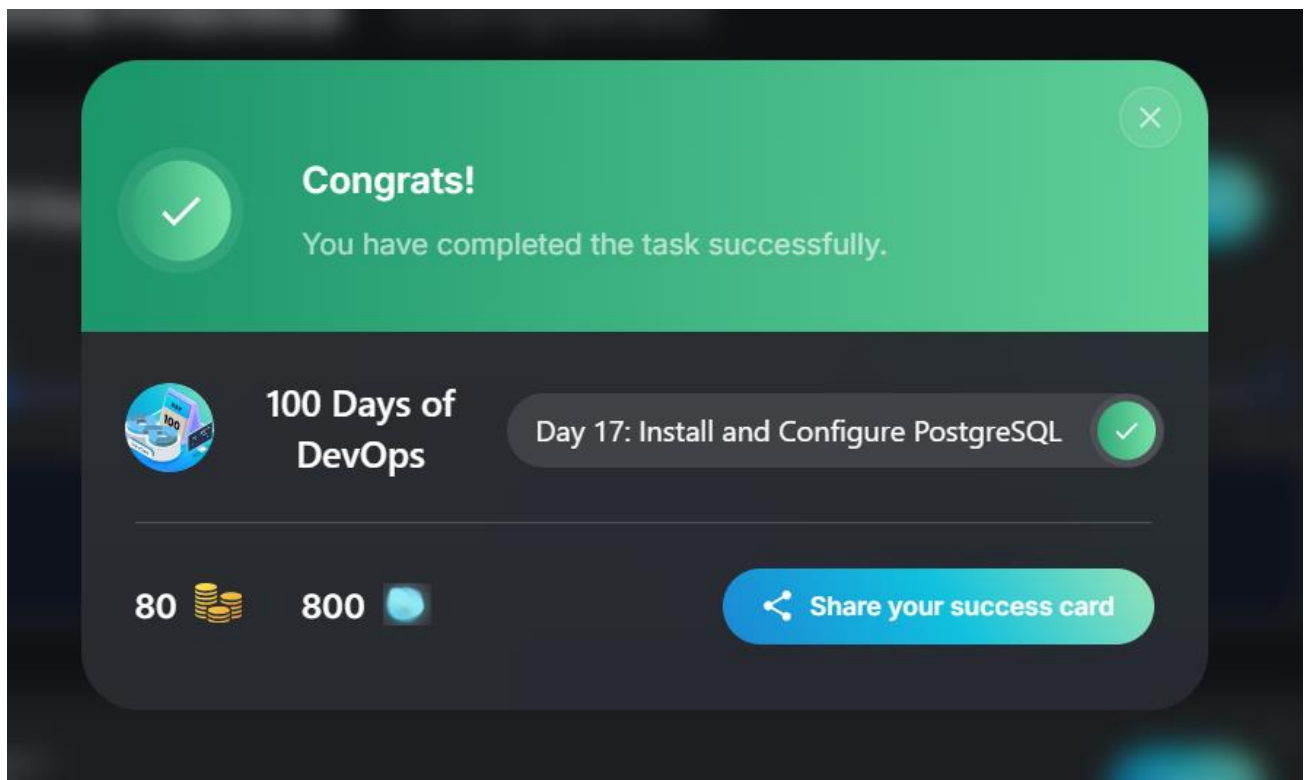   - \q

9. Exit from postgres user

- exit

☑ **Task Completed:** User kodekloud_gem has been created with privileges on database kodekloud_db7.