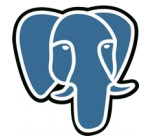




Training

Exercise - 1





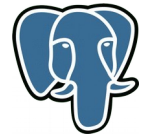
Database, User, Table & Records Operations

1. Create a user with only database create access rights.
2. Create a user with superuser access rights.
3. Create a user with database creation, superuser and role creation access rights.
4. Drop any one of the users which you have created.
5. Alter any one user's password with your desired password.
6. Create a database.
7. Delete a database which is created.

NOTE : All the below operations are to be performed in the terminal prompt of PostgreSQL and pgAdmin.

8. Create a database and add a table employee with specified fields.
 - Employee ID
 - Name
 - Email
 - Phone no
 - Designation
 - Department
 - Birth Date
 - Join Date
9. Modify the table and add two fields as following.
 - Level
 - Qualification
 - Join Date
10. Modify a table and Delete a column from the table.
11. Insert 10 records with unique employee ids in the employee table.





12. Update all the records together. Update only one field.

13. Delete a single record from a table.

14. Delete all the records from a table using Delete.

15. Delete all the records from a table without using Delete.

NOTE: Below operations to be done from pgAdmin GUI.

16. Create a table using the Create script in pgAdmin.

17. Insert 10 records using the Insert script in pgAdmin.

18. Update a record using the Update script in pgAdmin.

19. Delete a record using the Delete script in pgAdmin.

20. Create a table from the Pgadmin.

21. Update a table and add a column from pgAdmin.

22. Remove a column from a table from pgAdmin.

23. Update record from the Pgadmin.

24. View all the records of a table.

