

## PostgreSQL

- 1) Create an index on the name field in City Table.
- 2) Create an index on the date and city fields in Employee Table
- 3) Create an index on the name field in Employee table.
- 4) Create an index on the name field in Company table. Remove the index.
- 5) Create a primary key in a new table where there is an auto generated number starting from 1 without create a sequence.
- 6) Create a sequence starting from 1000. Create a primary key in a new table. When inserting records use this sequence.
- 7) Create a sequence starting from 500. Create a primary key in a new table and assign default value from this sequence.
- 8) Delete the sequence which was created with 1000. Try to use the sequence to insert records.
- 9) Display the fields id, name, city name from employee and city tables using inner join and aliases.
- 10) Display id, name, city name and company name from employee, city and company tables.
- 11) Create a view using the above select query result.
- 12) Delete the view and create a new view adding fields as id, name, amount, date, city name , city code and company name.
- 13) Insert 15 records using an sql file. In the same file update 5 records of the city Mumbai increase the amount with 10.
- 14) Create a backup of the database and restore it using PSQL.
- 15) Create a backup of the database and restore using pg\_restore