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## **Destroying and Altering Relations**

- The Command DROP TABLE destroys the table and deletes all records on that relation.
  > Usage: DROP TABLE TableName
- The command ALTER TABLE allows us to make several modifications to a table we have created before.
- We can add/drop columns and constraints, rename table name, columns and do much more (Check the PostgreSQL manual)

## Altering Table (Cont'd)

- Adding a column to an already created table.
  - ALTER TABLE TableName ADD COLUMN ColumnName ColumnType;
  - We can also add a column with an additional integrity constraint.
    - ALTER TABLE TableName ADD COLUMN ColumnName ColumnType CHECK ( Constraint );























## Write SQL queries for the following

- a) List the names and birthplaces of all Artists.
- b) List the title and price of all Artworks that were painted after 1600.
- c) List the title and type of all Artworks that was either painted in 2000 or was painted by Picasso.
- d) List the names and birthplaces of all Artists who were born between 1880 and 1930. (HINT: EXTRACT(YEAR FROM Dateofbirth) gives you the year from a DATE attribute)
- e) List the names and country of birth of all Artists whose painting style are Modern, Baroque or Renaissance. (HINT: Use the IN keyword).
- ) List all details of the Artworks in the database, ordered by Title.



- Note that these two queries involve more than one table.
- 1. List the names and customer ids of all customers who like Picasso.
- 2. List the names of all customers who like Artists from the Renaissance style and having an amount larger than 30000.

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