

**Learning Objective:**

- This practice project covers the below topics:
  - DDL commands
  - Data types and descriptions
  - DML commands
  - Introduction to basic “select” queries

**Questions – Write SQL queries to get data for the following requirements:**

Q.1 Create a table city with columns named person\_id, city\_name, Locality, and Country. Also, mention the character or digit length for all the declared fields

Q.2 Display the table created

Q.3 Start populating the table as:

| person_id | city_name | Locality         | Country |
|-----------|-----------|------------------|---------|
| 1         | Raipur    | Shankar Nagar    | India   |
| 2         | Raipur    | Sales Tax Colony | India   |
| 3         | Bilaspur  | Nehru Nagar      | India   |
| 4         | Bilaspur  | Civil Lines      | India   |

Q.4 Add a column for contact with 10 digits length

Q.5 Change the column name for "city\_name" to "District"

Q.6 Drop the table city and check whether it is dropped or not

Q.7 Update the location for person\_id (4) to "Warehouse Road"

Q.8 Using the HR\_emp dataset answer the following:

- a) Write a query to view the structure of the table
- b) Display the details of the employees working in the company
- c) Display employee id, first name, last name, and hiring date of employees in the department no. 38

Q.9 Retrieve the phone number, job ID, and employee salary, whose name is "Gopi Kumar".