

**Name : Muhammad Abrar Hussain Nawaz Gondal**

**Reg No : 133-Muhammad.bsit841\_Ba\_coursemea**

**WEEK-2 (SQL Assignment)**

\*\*\*\*\*

**CREATE DATABASE SQLAssignment1;**

- This command creates a new database named SQLAssignment1.
- All tables related to this project will be created inside this database.

\*\*\*\*\*

**CREATE TABLE airbnb\_listing (**

**id INT PRIMARY KEY,**

**city VARCHAR(100),**

**country VARCHAR(100),**

**number\_of\_rooms INT,**

**year\_listed INT**

**);**

- This command creates a table called airbnb\_listing.
- The table stores details about Airbnb listings.
  - **Column details:**
    - id: A unique number for each listing (Primary Key).
    - city: The city where the listing is located.
    - country: The country of the listing.
    - number\_of\_rooms: How many rooms are available in that listing.
    - year\_listed: The year when the listing was added to Airbnb.

\*\*\*\*\*

**INSERT INTO airbnb\_listing (id, city, country, number\_of\_rooms, year\_listed)**

**VALUES**

**(1, 'Karachi', 'Pakistan', 3, 2025),**

**(2, 'Paris', 'France', 5, 2018),**

**(3, 'Tokyo', 'Japan', 2, 2017),**

**(4, 'New York', 'USA', 2, 2022),**

**(5, 'Shanghai', 'China', 4, 2019);**

- This command inserts **five rows** (listings) into the airbnb\_listing table.
- Each row includes information about a listing's location, room count, and listing year.

\*\*\*\*\*

**SELECT \* FROM airbnb\_listing;**

- This command shows all the data you inserted.
- It confirms that the insertion was successful and displays the complete table.

## Queries Execute:

```
SQLQuery1.sql - DE...KQ.master (sa (53)) * - X
create database SQLAssignment1;

CREATE TABLE airbnb_listing (
    id INT PRIMARY KEY,
    city VARCHAR(100),
    country VARCHAR(100),
    number_of_rooms INT,
    year_listed INT
);

INSERT INTO airbnb_listing (id, city, country, number_of_rooms, year_listed)
VALUES
(1, 'Karachi', 'Pakistan', 3, 2025),
(2, 'Paris', 'France', 5, 2018),
(3, 'Tokyo', 'Japan', 2, 2017),
(4, 'New York', 'USA', 2, 2022),
(5, 'Shanghai', 'China', 4, 2019);

SELECT * FROM airbnb_listing;
```

## OUTPUT :

	id	city	country	number_of_rooms	year_listed
1	1	Karachi	Pakistan	3	2025
2	2	Paris	France	5	2018
3	3	Tokyo	Japan	2	2017
4	4	New York	USA	2	2022
5	5	Shanghai	China	4	2019

\*\*\*\*\*