Coding Practice-02

The database consists of a `player` table that stores the `name` , `age` and `score` of players.
In a real-world scenario, during a tournament, we often have to insert the details of multiple players at once, update already existing details, or retrieve specific player's details to analyze.

This practice set helps you get a hang of all such queries. Let's dive in!

QUESTIONS

1. A new player has joined the tournament. Write an SQL query to add the the following details to the player table.

name	age	score
Raj	26	120

SHOW ANSWER >

INSERT INTO player (name, age, score) VALUES ("Raj", 26, 120)

2. Three new players have joined the tournament.
   Write a SQL query to add the the following details of players to the

   `player` table.

name	age	score
Ram	28	125
Charan	25	173
Ravan	20	152

INSERT INTO player (name, age, score) VALUES ("Ram", 28, 125),("Charan", 25, 173),("Ravan", 20, 152)

3. Get all the details of the players from the player table.

   Expected Output Format:

name	age	score
Ram	24	10
Suresh	21	9
---	---	---

SELECT * FROM player

4. Update the age of "Shyam" to 30 in the player table.
   Note: We can uniquely identify a player by name. ✓

UPDATE player SET age = 30 WHERE name = 'Shyam'

5. Delete player "David" from the player table.
   Note: We can uniquely identify a player by name. ✓

DELETE FROM Player WHERE name = 'David'

6. We have to store the
   strike_rate of players in the database. Make necessary changes to the existing player table
   to store the data. **Note**: Name the column as strike_rate. It is measured in decimals. ✓

ALTER TABLE player ADD strike_rate float

7. Get
   name and age of all the players from the player table. ✓

SELECT name,age FROM player

8. Rename the column
   name to full_name in the player table ✓

ALTER TABLE player RENAME COLUMN name TO full_name

9. Delete
   player table from the database.

DROP TABLE player

Player Table

name	age	score
Joseph	26	44
Lokesh	32	99
David	43	96

name	age	score
Sunny	36	53
Shyam	29	75
Stark	31	75
Vishnu	41	9
Viraj	35	53
Raj	26	120