

Coding Practice – 01

With this practice set, you will get to tweak the database by creating new tables, and inserting and retrieving the data.

Here's to your first step for playing around with databases! Put your thinking hats on and get your hands dirty.

QUESTIONS

1. Create a



student table to store name, age and score of students.

details	datatype
name	string of max length 200
age	integer
score	integer

[SHOW ANSWER >](#)

CREATE TABLE student(name varchar(200), age integer, score integer);

2. In a typical e-commerce application, we need to store the following customer details. Create a



customer table to store the data.

details	datatype
customer_id	integer
first_name	string of max length 200
last_name	string of max length 200
date_of_birth	date
address	text
phone_number	integer

CREATE TABLE customer(customer_id integer, first_name varchar(200), last_name varchar(200), date_of_birth date, address text, phone_number integer);

3. We need to store the details of orders in an e-commerce application. Create an



`order_details` table to store the following details for every order.

details	datatype
order_id	integer
customer_id	integer
order_datetime	datetime
shipped_datetime	datetime
total_amount	float

CREATE TABLE order_details(order_id integer, customer_id integer, order_datetime datetime, shipped_datetime datetime, total_amount float);

4. We're storing the details of players who are a part of a tournament. The database contains a



`player` table that stores the name, age and score of players.

We have to add a new player to the

`player` table.

details	value
name	Ram
age	28
score	30

INSERT INTO player (name, age, score) VALUES ("Ram", 28, 30);

5. The database contains a



`player` table that stores the name, age and score of players.

Get all the players from the

`player` table in the following format.

Expected Output Format:

name	age	score
Suresh	21	70
Venkat	21	43
---	---	---

SELECT name, age, score FROM player;

6. Get all the details of "Suresh" from the



player table in the following format.

Expected Output Format:

name	age	score
Suresh	21	70

SELECT * FROM player WHERE name = 'Suresh';

Player Table

name	age	score
Suresh	21	70
Venkat	21	43
Mohan	23	55
Rajesh	22	34
Sai	23	64