1. **Create a student table to store name,age and score of students.**

mysql> create database practice;

Query OK, 1 row affected (0.05 sec)

mysql> use practice;

Database changed

mysql> create table student(name varchar(200),age int,score int);

Query OK, 0 rows affected (0.47 sec)

mysql> desc student;

+-------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+--------------+------+-----+---------+-------+

| name | varchar(200) | YES | | NULL | |

| age | int | YES | | NULL | |

| score | int | YES | | NULL | |

+-------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

1. **In a typical e-commerce application, we need to store the following customer details, create a customer table to store the data.**

mysql> create table customer(customer\_id integer,first\_name varchar(200),last\_name varchar(200),date\_of\_birth date,address text,phone\_number integer);

Query OK, 0 rows affected (0.14 sec)

mysql> desc customer;

+---------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+--------------+------+-----+---------+-------+

| customer\_id | int | YES | | NULL | |

| first\_name | varchar(200) | YES | | NULL | |

| last\_name | varchar(200) | YES | | NULL | |

| date\_of\_birth | date | YES | | NULL | |

| address | text | YES | | NULL | |

| phone\_number | int | YES | | NULL | |

+---------------+--------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

1. **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.**

mysql> create table order\_details(order\_id integer,customer\_id integer,order\_datetime datetime,shipped\_datetime datetime,total\_amount float);

Query OK, 0 rows affected (0.17 sec)

mysql> desc order\_details;

+------------------+----------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------------+----------+------+-----+---------+-------+

| order\_id | int | YES | | NULL | |

| customer\_id | int | YES | | NULL | |

| order\_datetime | datetime | YES | | NULL | |

| shipped\_datetime | datetime | YES | | NULL | |

| total\_amount | float | YES | | NULL | |

+------------------+----------+------+-----+---------+-------+

5 rows in set (0.00 sec)

1. **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.**

mysql> create table player(name varchar(200),age int,score int);

Query OK, 0 rows affected (0.17 sec)

mysql> desc player;

+-------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+--------------+------+-----+---------+-------+

| name | varchar(200) | YES | | NULL | |

| age | int | YES | | NULL | |

| score | int | YES | | NULL | |

+-------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> select \* from player;

+------+------+-------+

| name | age | score |

+------+------+-------+

| Ram | 28 | 30 |

+------+------+-------+

1 row in set (0.00 sec)

1. **The database contains a player table that stores the name, age score of players.**

**Get all the players from the player table in the following format.**

**Expected output format.**

mysql> insert into player values ('Suresh',21,70),('Venkat',21,43);

Query OK, 2 rows affected (0.06 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from player;

+--------+------+-------+

| name | age | score |

+--------+------+-------+

| Ram | 28 | 30 |

| Suresh | 21 | 70 |

| Venkat | 21 | 43 |

+--------+------+-------+

3 rows in set (0.00 sec)

1. **Get the all details of suresh from the player table in the following format Expected output**

mysql> select \* from player where name='Suresh';

+--------+------+-------+

| name | age | score |

+--------+------+-------+

| Suresh | 21 | 70 |

+--------+------+-------+

1 row in set (0.00 sec)