1) student (roolNo, name, percentage, address).

mysql> create database student\_demo;

mysql> use student\_demo;

mysql> create table student (rollNo int primary key, name varchar (25) not null, percentage float, address varchar (50));

mysql> desc student;

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

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

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

| rollNo | int | NO | PRI | NULL | |

| name | varchar (25) | NO | | NULL | |

| percentage | float | YES | | NULL | |

| address | varchar (50) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into student (rollNo, name, percentage, address) values(101,'Ram',89.98,'Dhankawadi');

mysql> select \*

-> from student;

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

| rollNo | name | percentage | address |

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

| 101 | Ram | 89.98 | Dhankawadi |

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

mysql> select \*

-> from student;

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

| rollNo | name | percentage | address |

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

| 101 | Ram | 89.98 | Dhankawadi |

| 102 | shyam | 79.98 | Dhankawadi |

| 103 | ghanshyam | 69.88 | Katraj |

| 104 | Ash | 99.98 | Japan |

| 105 | Tanjiro | 98.98 | Japan |

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

2) Employee (eid, ename, salary, designation);

mysql> use student\_demo;

Database changed

mysql> create database employee\_demo;

Query OK, 1 row affected (0.02 sec)

mysql> use employee\_demo;

Database changed

mysql> create table Employee(eid int primary key, ename varchar(225) not null, salary float, designation varchar(250));

Query OK, 0 rows affected (0.06 sec)

mysql> insert into Employee(eid, ename, salary, designation) values(101,'Ashok',700000,'CEO');

Query OK, 1 row affected (0.02 sec)

mysql> insert into Employee(eid, ename, salary, designation) values(102,'Ash',100000,'COO');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Employee(eid, ename, salary, designation) values(103,'Tanjiro',200000,'CFO');

Query OK, 1 row affected (0.04 sec)

mysql> insert into Employee(eid, ename, salary, designation) values(104,'Ram',400000,'CMO');

Query OK, 1 row affected (0.02 sec)

mysql> insert into Employee(eid, ename, salary, designation) values(105,'Shyam',200000,'HR');

Query OK, 1 row affected (0.02 sec)

mysql> select \*

-> from Employee;

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

| eid | ename | salary | designation |

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

| 101 | Ashok | 700000 | CEO |

| 102 | Ash | 100000 | COO |

| 103 | Tanjiro | 200000 | CFO |

| 104 | Ram | 400000 | CMO |

| 105 | Shyam | 200000 | HR |

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

3) Doctor (did, dname, email, phoneNo, salary, specialization);

mysql> create database hospital;

Query OK, 1 row affected (0.02 sec)

mysql> use hospital;

Database changed

mysql> create table Doctor(did int primary key, dname varchar(225) not null, email varchar(225), phoneNo varchar(10) salary float, specialization varchar(25

0));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'salary float, specialization varchar(250))' at line 1

mysql> create table Doctor(did int primary key, dname varchar(225) not null, email varchar(225), phoneNo varchar(10), salary float, specialization varchar(2

50));

Query OK, 0 rows affected (0.06 sec)

mysql> create table Doctor(did, dname, email, phoneNo, salary, specialization) values(1, 'Ram', 'drram@gmail.com', '9080706050', 700000, 'Allergists');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ', dname, email, phoneNo, salary, specialization) values(1, 'Ram', 'drram@gmail.c' at line 1

mysql> create table Doctor(did, dname, email, phoneNo, salary, specialization) values(1, 'Ram', 'drram@gmail.com', 9080706050, 700000, 'Allergists');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ', dname, email, phoneNo, salary, specialization) values(1, 'Ram', 'drram@gmail.c' at line 1

mysql> INSERT INTO Doctor (did, dname, email, phoneNo, salary, specialization)

-> VALUES (1, 'Ram', 'drram@gmail.com', 9080706050, 700000, 'Allergists');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Doctor(did, dname, email, phoneNo, salary, specialization) values(2, 'Shyam', 'drshyam@gmail.com', '8080706050', 600000, 'Cardiologists')

;

Query OK, 1 row affected (0.02 sec)

mysql> insert into Doctor(did, dname, email, phoneNo, salary, specialization) values(3, 'Parth', 'drparth@gmail.com', '7080706050', 500000, 'Dermatologists'

);

Query OK, 1 row affected (0.02 sec)

mysql> insert into Doctor(did, dname, email, phoneNo, salary, specialization) values(4, 'Shreyansh', 'drshreyansh@gmail.com', '9070706050', 400000, 'Neurolo

gists');

Query OK, 1 row affected (0.04 sec)

mysql> insert into Doctor(did, dname, email, phoneNo, salary, specialization) values(5, 'Om', 'drom@gmail.com', '9080706050', 300000, 'Radiologists');

Query OK, 1 row affected (0.01 sec)

mysql> select \*

-> from Doctor;

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

| did | dname | email | phoneNo | salary | specialization |

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

| 1 | Ram | drram@gmail.com | 9080706050 | 700000 | Allergists |

| 2 | Shyam | drshyam@gmail.com | 8080706050 | 600000 | Cardiologists |

| 3 | Parth | drparth@gmail.com | 7080706050 | 500000 | Dermatologists |

| 4 | Shreyansh | drshreyansh@gmail.com | 9070706050 | 400000 | Neurologists |

| 5 | Om | drom@gmail.com | 9080706050 | 300000 | Radiologists |

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

5 rows in set (0.00 sec)

4) Book (bid, bname, author, publication, price);

mysql> create database library;

Query OK, 1 row affected (0.03 sec)

mysql> use library;

Database changed

mysql> CREATE TABLE Book (

-> bid INT NOT NULL,

-> bname VARCHAR(255) NOT NULL,

-> author VARCHAR(255) NOT NULL,

-> publication VARCHAR(255) NOT NULL,

-> price DECIMAL(10, 2),

-> PRIMARY KEY (bid)

-> );

Query OK, 0 rows affected (0.05 sec)

mysql> INSERT INTO Book (bid, bname, author, publication, price)

-> VALUES

-> (1, 'Karma', 'Sadhguru', 'New York Times', 1737),

-> (2, 'Think Straight', 'Darius Foroux', 'Penguin', 199),

-> (3, 'Dont Believe Everything You Think', 'Joseph Nguyen', 'Manjul', 299),

-> (4, 'The Power of Your Subconscious Mind', 'Dr Joseph Murphy', 'Fingerprint', 399),

-> (5, 'The Psychology of Money', 'Morgan Housel', 'Jaico Publishing House', 499),

-> (6, 'The 5 AM Club', 'Robin Sharma', 'Jaico Publishing House', 599);

Query OK, 6 rows affected (0.03 sec)

Records: 6 Duplicates: 0 Warnings: 0

mysql> select \*

-> from Book;

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

| bid | bname | author | publication | price |

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

| 1 | Karma | Sadhguru | New York Times | 1737.00 |

| 2 | Think Straight | Darius Foroux | Penguin | 199.00 |

| 3 | Dont Believe Everything You Think | Joseph Nguyen | Manjul | 299.00 |

| 4 | The Power of Your Subconscious Mind | Dr Joseph Murphy | Fingerprint | 399.00 |

| 5 | The Psychology of Money | Morgan Housel | Jaico Publishing House | 499.00 |

| 6 | The 5 AM Club | Robin Sharma | Jaico Publishing House | 599.00 |

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

6 rows in set (0.00 sec)

5) Patient (pid, pname, address, disease, test);

mysql> use hospital;

Database changed

mysql> CREATE TABLE Patient (

-> pid INT NOT NULL,

-> pname VARCHAR(255) NOT NULL,

-> address VARCHAR(255) NOT NULL,

-> disease VARCHAR(255) NOT NULL,

-> test VARCHAR(255),

-> PRIMARY KEY (pid)

-> );

Query OK, 0 rows affected (0.05 sec)

mysql> INSERT INTO Patient (pid, pname, address, disease, test)

-> VALUES

-> (1, 'John Doe', '123 Main St', 'Fever', 'Blood test'),

-> (2, 'Jane Smith', '456 Elm Ave', 'Cough', 'X-ray'),

-> (3, 'Alice Johnson', '789 Oak Rd', 'Headache', NULL),

-> (4, 'Bob Brown', '321 Maple Ln', 'Flu', 'CT scan'),

-> (5, 'Eva Lee', '567 Pine Dr', 'Allergies', 'Skin prick test');

Query OK, 5 rows affected (0.03 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select \*

-> from Patient;

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

| pid | pname | address | disease | test |

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

| 1 | John Doe | 123 Main St | Fever | Blood test |

| 2 | Jane Smith | 456 Elm Ave | Cough | X-ray |

| 3 | Alice Johnson | 789 Oak Rd | Headache | NULL |

| 4 | Bob Brown | 321 Maple Ln | Flu | CT scan |

| 5 | Eva Lee | 567 Pine Dr | Allergies | Skin prick test |

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

5 rows in set (0.00 sec)