1. **Employee**

mysql> create database employee;

Query OK, 1 row affected (0.01 sec)

mysql> use employee;

Database changed

mysql> create table employee(eid int,ename varchar(20),salary int,designation varchar(50));

Query OK, 0 rows affected (0.08 sec)

mysql> desc employee;

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

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

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

| eid | int | YES | | NULL | |

| ename | varchar(20) | YES | | NULL | |

| salary | int | YES | | NULL | |

| designation | varchar(50) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into employee(eid,ename,salary,designation)value(101,'ram',1000000,'frontenddev'),(102,'sham',200000,'backenddev'),(103,'sita',300000,'reactdev'),(104,'riya',400000,'pythondev');

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select\* from employee;

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

| eid | ename | salary | designation |

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

| 101 | ram | 1000000 | frontenddev |

| 102 | sham | 200000 | backenddev |

| 103 | sita | 300000 | reactdev |

| 104 | riya | 400000 | pythondev |

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

4 rows in set (0.00 sec)

1. **Student**

mysql> create database student;

ERROR 1007 (HY000): Can't create database 'student'; database exists

mysql> use student;

Database changed

mysql> create table student;

ERROR 4028 (HY000): A table must have at least one visible column.

mysql> create database student;

ERROR 1007 (HY000): Can't create database 'student'; database exists

mysql> use student;

Database changed

mysql> desc student;

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

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

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

| rollno | int | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| per | float | YES | | NULL | |

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

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

4 rows in set (0.00 sec)

mysql> insert into student(rollno,name,per,address),(11,'vaishu',98.67,'pune'),(12,'komal',67.87,'pune'),(13,'vidhi',67.65,'pune'),(14,'pranita',76.65,'pune');

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 ',(11,'vaishu',98.67,'pune'),(12,'komal',67.87,'pune'),(13,'vidhi',67.65,'pune'),' at line 1

mysql> select\* from student;

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

| rollno | name | per | address |

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

| 101 | Ram | 89.54 | pune |

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

1 row in set (0.00 sec)

3.book

mysql> create database book;

Query OK, 1 row affected (0.01 sec)

mysql> use book;

Database changed

mysql> create table book;

ERROR 4028 (HY000): A table must have at least one visible column.

mysql> create table book(bid int,bname varchar(50),author varchar(40),publication int,price int);

Query OK, 0 rows affected (0.07 sec)

mysql> desc book;

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

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

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

| bid | int | YES | | NULL | |

| bname | varchar(50) | YES | | NULL | |

| author | varchar(40) | YES | | NULL | |

| publication | int | YES | | NULL | |

| price | int | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> insert into book(bid,bname,author,publication,price)value(40,'shamAai','radh',1890,450),(50,'kadambri','vira',1940,500),(55,'gita','radha',1690,4450),(30,'ramayan','virat',1890),(50,'habbit','riya',1890,400);

ERROR 1136 (21S01): Column count doesn't match value count at row 4

mysql> insert into book(bid,bname,author,publication,price)value(40,'shamAai','radh',1890,450),(50,'kadambri','vira',1940,500),(55,'gita','radha',1690,4450),(30,'ramayan','virat',1890,450),(50,'habbit','riya',1970,600);

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select\* from book;

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

| bid | bname | author | publication | price |

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

| 40 | shamAai | radh | 1890 | 450 |

| 50 | kadambri | vira | 1940 | 500 |

| 55 | gita | radha | 1690 | 4450 |

| 30 | ramayan | virat | 1890 | 450 |

| 50 | habbit | riya | 1970 | 600 |

4 doctor

mysql> use doctor;

Database changed

mysql> desc doctor;

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

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

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

| did | int | YES | | NULL | |

| dname | varchar(20) | YES | | NULL | |

| email | varchar(20) | YES | | NULL | |

| phoneno | int | YES | | NULL | |

| salary | int | YES | | NULL | |

| specialization | varchar(50) | YES | | NULL | |

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

6 rows in set (0.01 sec)

mysql> insert into doctor(did,dname,email,phoneno,salary,specialization)value(101,'Anil Bagal','anil@gmail.com',1234567890,900000,'Radiology'),(102,'Uday Bagal','uday@gmail.com',1234567890,700000,'internal medicine'),(103,'kedar Bagal','kedar@gmail.com',1234567890,600000,'dermatology'),(104,'Aditya Bagal','aditya@gmail.com',1234567890,120000,'pediatrics'),(105,'Adhiraj Bagal','adhiraj@gmail.com',1234567890,960000,'ophthalmology');

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select\* from doctor;

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

| did | dname | email | phoneno | salary | specialization |

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

| 101 | Anil | anil@gmail.com | 1234567890 | 900000 | Radiology |

| 102 | Uday | uday@gmail.com | 1234567890 | 700000 | internal medicine |

| 103 | kedar | kedar@gmail.com | 1234567890 | 600000 | dermatology |

| 104 | Aditya | aditya@gmail.com | 1234567890 | 120000 | pediatrics |

| 105 | Adhiraj | adhiraj@gmail.com | 1234567890 | 960000 | ophthalmology |

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

5 rows in set (0.00 sec)

5 patient

mysql> create database patient;

Query OK, 1 row affected (0.01 sec)

mysql> use patient;

Database changed

mysql> create table patient(pid int,pname varchar(20),address varchar(20),disease varchar(20),test varchar(20));

Query OK, 0 rows affected (0.04 sec)

mysql> desc patient;

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

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

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

| pid | int | YES | | NULL | |

| pname | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

| disease | varchar(20) | YES | | NULL | |

| test | varchar(20) | YES | | NULL | |

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

5 rows in set (0.01 sec)

mysql> insert into patient(pid,pname,address,disease,test)value(1,'Shiv','kuroli','corona','negetive'),(2,'Shiv','Mumbai','zikka','positive'),(3,'Shambhuraj','satara','Maleria','negetive'),(4,'Shree','kuroli','Tyfad','negetive'),(5,'Shivraj','pune','Dengu','Possitive');

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> select\* from patient;

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

| pid | pname | address | disease | test |

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

| 1 | Shiv | kuroli | corona | negetive |

| 2 | Shiv | Mumbai | zikka | positive |

| 3 | Shambhuraj | satara | Maleria | negetive |

| 4 | Shree | kuroli | Tyfad | negetive |

| 5 | Shivraj | pune | Dengu | Possitive |

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

5 rows in set (0.00 sec)

6 no

mysql> create database car;

ERROR 1007 (HY000): Can't create database 'car'; database exists

mysql> use car;

Database changed

mysql> create table car(id,name,purchase,develop);

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 ',name,purchase,develop)' at line 1

mysql> create table car(id int,name varchar(40),purchase varchar(50),develop varchar(60));

ERROR 1050 (42S01): Table 'car' already exists

mysql> desc car;

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

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

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

| id | int | YES | | NULL | |

| name | varchar(30) | YES | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| develop | varchar(50) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into car(int,name,puchase,develop)value(12,'ram','70000','2003'),(13,'sha','80000','2004'),(13,'seeta','970000','2005'),(15,'radha','78000','2005');

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 'int,name,puchase,develop)value(12,'ram','70000','2003'),(13,'sha','80000','2004'' at line 1

mysql> insert into car(int,name,purchase,develop)value(12,'ram','70000','2003'),(13,'sha','80000','2004'),(13,'seeta','970000','2005'),(15,'radha','78000','2005');

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 'int,name,purchase,develop)value(12,'ram','70000','2003'),(13,'sha','80000','2004' at line 1

mysql> insert into car(int,name,purchase,develop)value(12,'ram','70000','2003'),(13,'sham','80000','2004'),(13,'seeta','970000','2005'),(15,'radha','78000','2005');

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 'int,name,purchase,develop)value(12,'ram','70000','2003'),(13,'sham','80000','200' at line 1

mysql> insert into car(id,name,purchase,develop)value(12,'ram','70000','2003'),(13,'sham','80000','2004'),(13,'seeta','970000','2005'),(15,'radha','78000','2005');

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select\* from car;

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

| id | name | purchase | develop |

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

| 103 | ram | 60000 | 1980 |

| 104 | seeta | 70000 | 1981 |

| 105 | riya | 50000 | 1970 |

| 106 | siya | 80000 | 2003 |

| 12 | ram | 70000 | 2003 |

| 13 | sham | 80000 | 2004 |

| 13 | seeta | 970000 | 2005 |

| 15 | radha | 78000 | 2005 |

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

8 rows in set (0.00 sec)

mysql> alter table car modify purchase varchar(40);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc car;

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

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

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

| id | int | YES | | NULL | |

| name | varchar(30) | YES | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| develop | varchar(50) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table car add color varchar(60);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc car;

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

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

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

| id | int | YES | | NULL | |

| name | varchar(30) | YES | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| develop | varchar(50) | YES | | NULL | |

| color | varchar(60) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> alter table car drop develop varchar(50);

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 'varchar(50)' at line 1

mysql> alter table car drop develop ;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc car;

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

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

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

| id | int | YES | | NULL | |

| name | varchar(30) | YES | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| color | varchar(60) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table car charge name cname varcahr(30);

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 'charge name cname varcahr(30)' at line 1

mysql> alter table car change name cname varcahr(30);

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 'varcahr(30)' at line 1

mysql> alter table car change id cid int;

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc car;

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

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

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

| cid | int | YES | | NULL | |

| name | varchar(30) | YES | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| color | varchar(60) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table car modify name varchar(30) not null;

Query OK, 0 rows affected (0.21 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc car;

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

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

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

| cid | int | YES | | NULL | |

| name | varchar(30) | NO | | NULL | |

| purchase | varchar(40) | YES | | NULL | |

| color | varchar(60) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql>