

Enter password: *****		
mysql> create database Shailaja;		
Query OK, 1 row affected (0.11 sec		
mysql> show databases;		
++		
Database		
++		
information_schema		
mysql		
performance_schema		
school		
shailaja		
sys		
++		
6 rows in set (0.21 sec)		

```
mysql> use Shailaja;
Database changed
mysql> show tables;
Empty set (0.06 sec)
mysql> create table flights(FLCODE int(10),source
varchar(20),destination(20),no_stops(5),no_flights(10));
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 '(20),no_stops(5),no_flights(10))'
at line 1
mysql> create table flights(FLCODE int(10), source varchar(20), destination varchar(20), no_stops
int(10),no_flights int(10));
Query OK, 0 rows affected, 3 warnings (0.44 sec)
mysql> insert into flights
values('IC301','Mumbai','Banglore','3','2'),('IC799','Banglore','Kolkata','8','3');
ERROR 1366 (HY000): Incorrect integer value: 'IC301' for column 'FLCODE' at row 1
mysql> insert into flights
values('301','Mumbai','Banglore','3','2'),('799','Banglore','Kolkata','8','3');
Query OK, 2 rows affected (0.02 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> Insert into flights
values('101','Delhi','Varanasi','6','0'),('302','Mumbai','Kochi','1','4'),('123','Lucknow','Delhi','4','3')
;
Query OK, 3 rows affected (0.03 sec)
```

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> insert into flights
values('432','Delhi','Chennai','3','3'),('876','Hyderabad','Texas','2','4'),('321','Hyderabad','Tirupati'
,'0','2'),('675','Dubai','California','2','4');
Query OK, 4 rows affected (0.03 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> select * from flights;
+----+
| FLCODE | source | destination | no stops | no flights |
+-----+
| 301 | Mumbai | Banglore | 3 | 2 |
| 799 | Banglore | Kolkata | 8 | 3 |
| 101 | Delhi | Varanasi | 6 | 0 |
| 302 | Mumbai | Kochi | 1 | 4 |
| 123 | Lucknow | Delhi | 4 |
                               3 |
| 432 | Delhi | Chennai | 3 |
                                 3 |
| 876 | Hyderabad | Texas | 2 | 4 |
| 321 | Hyderabad | Tirupati | 0 |
                                   2 |
| 675 | Dubai | California | 2 | 4 |
+-----+
9 rows in set (0.03 sec)
```

mysql> insert into flight values('438', 'Banglore', 'Austin', '2', '6');

```
mysql> insert into flights values('438','Banglore','Austin','2','6');
Query OK, 1 row affected (0.01 sec)
mysql> select * from flights;
+----+
| FLCODE | source | destination | no stops | no flights |
+-----+
| 301 | Mumbai | Banglore | 3 | 2 |
| 799 | Banglore | Kolkata | 8 | 3 |
| 101 | Delhi | Varanasi |
                          6 |
                                 0 |
| 302 | Mumbai | Kochi | 1 |
                               4 |
| 123 | Lucknow | Delhi | 4 |
                                  3 |
| 432 | Delhi | Chennai | 3 |
                                 3 |
| 876 | Hyderabad | Texas | 2 |
                                   4 |
| 321 | Hyderabad | Tirupati | 0 |
                                   2 |
| 675 | Dubai | California | 2 |
                                  4 |
| 438 | Banglore | Austin | 2 |
                               6 |
+-----+
10 rows in set (0.00 sec)
mysql> create table student(s_rollno int(10),s_name varchar(20),s_stream varchar(20),s_pno
int(20),s_section int(10));
Query OK, 0 rows affected, 3 warnings (0.19 sec)
```

ERROR 1146 (42S02): Table 'shailaja.flight' doesn't exist

mysql> insert into table student('11','Aarthi','IT','1234556678','1'); 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 'table student('11','Aarthi','IT','1234556678','1')' at line 1 mysgl> insert into student values('11','Aarthi','IT','1234556678','1'); Query OK, 1 row affected (0.03 sec) mysql> insert into student values('2','Akshitha','CSE','45678921','2'),('7','Niveditha','ECE','5678213','3'),('32','Yoshita','IT','54 678986','3'),('33','Sneha','EEE','567839234','4'),('54','Arshia','CSE','56789141','2'),('8','Poojitha',' AIDS','45268719','1'); Query OK, 6 rows affected (0.02 sec) Records: 6 Duplicates: 0 Warnings: 0 mysql> insert into student values('4','Shailu','IT','345678909','3'),('12','Vinoothna','AIML','638767765','1'),('32','Thanuja','EE E','5437432','4'); Query OK, 3 rows affected (0.01 sec) Records: 3 Duplicates: 0 Warnings: 0 mysql> SELECT \* FROM STUDENT; +----+ s\_rollno s\_name s\_stream s\_pno s\_section +----+ | 11 | Aarthi | IT | 1234556678 | 1 | 2 | Akshitha | CSE | 45678921 | 2 |

3 |

7 | Niveditha | ECE | 5678213 |

```
32 | Yoshita | IT
                        | 54678986 |
                                           3 |
    33 | Sneha
                | EEE | 567839234 |
                                            4 |
    54 | Arshia | CSE
                         | 56789141 |
                                            2 |
     8 | Poojitha | AIDS | 45268719 |
                                            1 |
                     | 345678909 |
     4 | Shailu | IT
                                          3 |
    12 | Vinoothna | AIML | 638767765 |
                                               1 |
    32 | Thanuja | EEE | 5437432 |
   -----+
10 rows in set (0.00 sec)
mysql> create table employee(id int(10), first name varchar(10), last name
varchar(10),designation varchar(10),salary float(20));
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 varchar(10), last name
varchar(10), designation varchar(10), salary float(20))' at line 1
mysql> create table employee(id int(10),first_name varchar(10),last_name
varchar(10),designation varchar(10),salary float(20));
Query OK, 0 rows affected, 1 warning (0.19 sec)
mysql> insert into employee values('101','Harini','Kalwa','Developer','120000.00');
Query OK, 1 row affected (0.05 sec)
mysql> insert into employee values('102','Krishna','Prasana','Software
engineer','34000.00),('103','Manasa','Sirikona','Frontend
developer','600000.0'),('104','Rishika','Konda','Backend developer','45000.00');
```

'> select \* from employee; Enter password: \*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or  $\gray g$ . Your MySQL connection id is 29 Server version: 9.1.0 MySQL Community Server - GPL Copyright (c) 2000, 2024, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> show databases; | Database | +----+ | information\_schema | mysql | performance\_schema | school | shailaja sys 1 6 rows in set (0.03 sec)

```
mysql> use shailaja;
Database changed
mysql> show tables;
+----+
| Tables_in_shailaja |
+----+
employee |
| flights
       - 1
student
+----+
3 rows in set (0.02 sec)
mysql> select * from flights;
+-----+
| FLCODE | source | destination | no_stops | no_flights |
+-----+
| 301 | Mumbai | Banglore | 3 | 2 |
| 799 | Banglore | Kolkata |
                          8 |
                                3 |
| 101 | Delhi | Varanasi |
                         6 |
                               0 |
| 302 | Mumbai | Kochi |
                          1 |
                               4 |
| 123 | Lucknow | Delhi |
                                3 |
                         4 |
| 432 | Delhi | Chennai |
                         3 |
                               3 |
| 876 | Hyderabad | Texas | 2 |
                                 4 |
```

```
| 321 | Hyderabad | Tirupati | 0 |
                                2 |
| 675 | Dubai | California | 2 | 4 |
| 438 | Banglore | Austin | 2 |
                            6 |
 -----+
10 rows in set (0.01 sec)
mysql> select * from student;
+----+
| s_rollno | s_name | s_stream | s_pno | s_section |
+----+
   11 | Aarthi | IT | 1234556678 | 1 |
   2 | Akshitha | CSE | 45678921 |
                                2 |
   7 | Niveditha | ECE | 5678213 |
                                3 |
   32 | Yoshita | IT | 54678986 |
                               3 |
   33 | Sneha | EEE | 567839234 |
                                4 |
   54 | Arshia | CSE | 56789141 |
                                2 |
   8 | Poojitha | AIDS | 45268719 |
                                1 |
   4 | Shailu | IT | 345678909 | 3 |
   12 | Vinoothna | AIML | 638767765 | 1 |
   32 | Thanuja | EEE | 5437432 |
+----+
10 rows in set (0.00 sec)
```

mysql> select \* from employee;

```
+----+
| id | first_name | last_name | designation | salary |
+----+
| 101 | Harini | Kalwa | Developer | 120000 |
+----+
1 row in set (0.00 sec)
mysql> insert into employee values('102','Krishna','prasana','Frontend developer','345678.0');
ERROR 1406 (22001): Data too long for column 'designation' at row 1
mysql> insert into employee values('102', 'Krishna', 'prasana', 'Frontend', '345678.0');
Query OK, 1 row affected (0.03 sec)
mysql> insert into employee values('103','Manasa','Sirikona','Architect','600000.0');
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee values('104','Rishika','Konda','Backend','45000.00');
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee values('105','Rithika','Pechara','Full
stack','63722.00'),('106','Shivatmika','Anumula','traing','10000');
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select * from employee;
+----+
```

```
| id | first_name | last_name | designation | salary |
+----+
| 101 | Harini | Kalwa | Developer | 120000 |
| 102 | Krishna | prasana | Frontend | 345678 |
| 103 | Manasa | Sirikona | Architect | 600000 |
| 104 | Rishika | Konda | Backend | 45000 |
| 105 | Rithika | Pechara | Full stack | 63722 |
| 106 | Shivatmika | Anumula | traing | 10000 |
+----+
6 rows in set (0.00 sec)
mysql> insert into employee values('107','Snigdha','Kore','Developer','32342.0')
 ->;
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee values('108','Sreeja','mammai','MS','32565.00');
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee values('109', 'sreekar', 'jatothu', 'Student', '000.00');
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee values('110','kiran','jatothu','frontend','673893.00');
Query OK, 1 row affected (0.01 sec)
```

mysql> seelect \* from employee;

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 'seelect \* from employee' at line 1

mysql> select \* from employee;

```
+----+
| id | first_name | last_name | designation | salary |
+----+
| 101 | Harini | Kalwa | Developer | 120000 |
| 102 | Krishna | prasana | Frontend | 345678 |
| 103 | Manasa | Sirikona | Architect | 600000 |
| 104 | Rishika | Konda | Backend | 45000 |
| 105 | Rithika | Pechara | Full stack | 63722 |
| 106 | Shivatmika | Anumula | traing | 10000 |
| 107 | Snigdha | Kore | Developer | 32342 |
| 108 | Sreeja | mammai | MS
                             | 32565 |
| 109 | sreekar | jatothu | Student | 0 |
| 110 | kiran | jatothu | frontend | 673893 |
+----+
10 rows in set (0.00 sec)
```

mysql> create table customer(customer\_id int(10),city varchar(20),address varchar(10),country varchar(10),postal code int(10));

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 'code int(10))' at line 1

mysql> create table customer(customer\_id int(10),city varchar(20),address varchar(10),country varchar(10),postal\_code int(10));

```
mysql> insert into customer values('1','hyderabad','Sr
nagar','India','500038'),('2','Hyderabad','uppal','india','647364'),('3','Warangal','Gopalpur','india',
'32432'),('4','Texas','Austin','US','36782');
Query OK, 4 rows affected (0.03 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> insert into customer values('5','narsampet','Geesugonda','India','367282');
Query OK, 1 row affected (0.01 sec)
mysql> select * from customer;
+-----+
| customer id | city | address | country | postal code |
+-----+
     1 | hyderabad | Sr nagar | India | 500038 |
     2 | Hyderabad | uppal | india | 647364 |
     3 | Warangal | Gopalpur | india | 32432 |
     4 | Texas | Austin | US | 36782 |
     5 | narsampet | Geesugonda | India | 367282 |
+----+
5 rows in set (0.00 sec)
mysql> insert into customer values('6','Hyderabad','Ramanthapur','India','367289');
ERROR 1406 (22001): Data too long for column 'address' at row 1
```

```
mysql> insert into customer values('6','Hyderabad','amberipet','India','367289');
Query OK, 1 row affected (0.01 sec)
mysql> insert into customer values('7','Hyderabad','Kokapet','India','356572');
Query OK, 1 row affected (0.01 sec)
mysql> insert into customer values('8','Karaminagar','Vemulavada','UK','567833');
Query OK, 1 row affected (0.01 sec)
mysql> insert into customer values('9','Kothagudem','Yellandu','Canada','35678');
Query OK, 1 row affected (0.01 sec)
mysql> insert into customer values('10','Hyderabad','Gachibowli','India','456728');
Query OK, 1 row affected (0.01 sec)
mysql> select * from customer;
+----+
+----+
     1 | hyderabad | Sr nagar | India | 500038 |
     2 | Hyderabad | uppal | india | 647364 |
     3 | Warangal | Gopalpur | india | 32432 |
     4 | Texas | Austin | US | 36782 |
     5 | narsampet | Geesugonda | India | 367282 |
```

```
6 | Hyderabad | amberipet | India | 367289 |
      7 | Hyderabad | Kokapet | India | 356572 |
      8 | Karaminagar | Vemulavada | UK | 567833 |
      9 | Kothagudem | Yellandu | Canada | 35678 |
     10 | Hyderabad | Gachibowli | India | 456728 |
+----+
10 rows in set (0.03 sec)
mysql> create table sales(orderid int(10), vehicle varchar(10), package varchar(10), sales_person
varchar(10),sales_location varchar(10));
Query OK, 0 rows affected, 1 warning (0.49 sec)
mysql> insert into sales values('1','SUV','STD','John','hyderabad');
Query OK, 1 row affected (0.03 sec)
mysql> insert into sales
values('2','Pickup','LE','Juliet','Warangal'),('3','Minivan','LE','Ashley','Narsampet');
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> insert into sales values('4','Return','SUV','Ashish','Karimnagar');
Query OK, 1 row affected (0.05 sec)
mysql> select * from sales;
+----+
```

```
orderid | vehicle | package | sales_person | sales_location |
    1 | SUV | STD | John | hyderabad |
    2 | Pickup | LE | Juliet | Warangal |
    3 | Minivan | LE | Ashley | Narsampet |
    4 | Return | SUV | Ashish | Karimnagar |
+-----+
4 rows in set (0.02 sec)
mysql> insert into sales values('5','Bus','LE','juliet','Jangam');
Query OK, 1 row affected (0.01 sec)
mysql> insert into sales values('6','Van','SUV','Murali','Adilabad');
Query OK, 1 row affected (0.01 sec)
mysql> insert into sales values('7','Pickup','LE','Hemanth','Nirmal');
Query OK, 1 row affected (0.01 sec)
mysql> insert into sales values('8','return','SUV','Satya','Warangal');
Query OK, 1 row affected (0.01 sec)
mysql> insert into sales values('9','van','STD','PAVAN','Nizambad');
Query OK, 1 row affected (0.02 sec)
```

```
Query OK, 1 row affected (0.01 sec)
mysql> select * from sales;
+-----+
| orderid | vehicle | package | sales_person | sales_location |
+-----+
   1 | SUV | STD | John | hyderabad |
   2 | Pickup | LE | Juliet | Warangal |
   3 | Minivan | LE | Ashley | Narsampet |
   4 | Return | SUV | Ashish | Karimnagar |
   5 | Bus | LE | juliet | Jangam
   6 | Van | SUV | Murali
                          | Adilabad
   7 | Pickup | LE | Hemanth | Nirmal
   8 | return | SUV | Satya
                        | Warangal
   9 | van | STD | PAVAN | Nizambad
   10 | Minivan | LE | Srikanth | Narsampet
  -----+
10 rows in set (0.00 sec)
mysql> show tables;
+----+
| Tables_in_shailaja |
+----+
```

mysql> insert into sales values('10', 'Minivan', 'LE', 'Srikanth', 'Narsampet');

```
customer
| employee
| flights
sales
student
+----+
5 rows in set (0.08 sec)
mysql> delete from employee where id=103;
Query OK, 1 row affected (0.12 sec)
mysql> select * from employee;
+----+
| id | first_name | last_name | designation | salary |
+----+
| 101 | Harini | Kalwa | Developer | 120000 |
| 102 | Krishna | prasana | Frontend | 345678 |
| 104 | Rishika | Konda | Backend | 45000 |
| 105 | Rithika | Pechara | Full stack | 63722 |
| 106 | Shivatmika | Anumula | traing
| 107 | Snigdha | Kore | Developer | 32342 |
| 108 | Sreeja | mammai | MS
                                | 32565 |
| 109 | sreekar | jatothu | Student | 0 |
| 110 | kiran | jatothu | frontend | 673893 |
```

```
+----+
9 rows in set (0.01 sec)
mysql> alter table employee add column email varchar(30);
Query OK, 0 rows affected (0.15 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> select * from employee;
+----+
| id | first_name | last_name | designation | salary | email |
+----+
| 101 | Harini | Kalwa | Developer | 120000 | NULL |
| 102 | Krishna | prasana | Frontend | 345678 | NULL |
| 104 | Rishika | Konda | Backend | 45000 | NULL |
| 105 | Rithika | Pechara | Full stack | 63722 | NULL |
| 106 | Shivatmika | Anumula | traing | 10000 | NULL |
| 107 | Snigdha | Kore | Developer | 32342 | NULL |
| 108 | Sreeja | mammai | MS | 32565 | NULL |
| 109 | sreekar | jatothu | Student | 0 | NULL |
| 110 | kiran | jatothu | frontend | 673893 | NULL |
+----+
9 rows in set (0.00 sec)
```

mysql> update employee set salary=100000 where id=109;

Query OK, 1 row affected (0.13 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> select * from employee;
+----+
| id | first_name | last_name | designation | salary | email |
+----+
| 101 | Harini | Kalwa | Developer | 120000 | NULL |
| 102 | Krishna | prasana | Frontend | 345678 | NULL |
| 104 | Rishika | Konda | Backend | 45000 | NULL |
| 105 | Rithika | Pechara | Full stack | 63722 | NULL |
| 106 | Shivatmika | Anumula | traing | 10000 | NULL |
| 107 | Snigdha | Kore | Developer | 32342 | NULL |
| 108 | Sreeja | mammai | MS | 32565 | NULL |
| 109 | sreekar | jatothu | Student | 100000 | NULL |
| 110 | kiran | jatothu | frontend | 673893 | NULL |
+----+
9 rows in set (0.02 sec)
mysql> truncate table customer;
Query OK, 0 rows affected (0.48 sec)
mysql> select * from customer;
Empty set (0.04 sec)
```

```
mysql> CREATE TABLE Product (
  -> ProductID INT PRIMARY KEY, -- Column 1: Product ID
  -> ProductName VARCHAR(100),
                                        -- Column 2: Product Name
  -> Category VARCHAR(50),
                                    -- Column 3: Product Category
      Price DECIMAL(10, 2), -- Column 4: Product Price
     Stock INT
                            -- Column 5: Stock Quantity
  ->);
Query OK, 0 rows affected (0.23 sec)
mysql> INSERT INTO Product (ProductID, ProductName, Category, Price, Stock) VALUES
 -> (1, 'Laptop', 'Electronics', 799.99, 50),
  -> (2, 'Smartphone', 'Electronics', 599.99, 150),
  -> (3, 'Washing Machine', 'Home Appliances', 399.99, 30),
  -> (4, 'Refrigerator', 'Home Appliances', 899.99, 40),
  -> (5, 'Microwave', 'Home Appliances', 149.99, 70),
  -> (6, 'Headphones', 'Electronics', 89.99, 200),
  -> (7, 'Smartwatch', 'Wearables', 199.99, 120),
  -> (8, 'Coffee Maker', 'Kitchen Appliances', 79.99, 90),
  -> (9, 'Bluetooth Speaker', 'Electronics', 49.99, 160),
  -> (10, 'Gaming Console', 'Electronics', 499.99, 80);
Query OK, 10 rows affected (0.04 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from Product;
| ProductID | ProductName | Category | Price | Stock |
+----+
                 | Electronics | 799.99 | 50 |
    1 | Laptop
                    | Electronics
                                 | 599.99 | 150 |
    2 | Smartphone
    3 | Washing Machine | Home Appliances | 399.99 | 30 |
    4 | Refrigerator | Home Appliances | 899.99 | 40 |
    5 | Microwave | Home Appliances | 149.99 | 70 |
    6 | Headphones | Electronics | 89.99 | 200 |
    7 | Smartwatch | Wearables | 199.99 | 120 |
    8 | Coffee Maker | Kitchen Appliances | 79.99 | 90 |
    9 | Bluetooth Speaker | Electronics | 49.99 | 160 |
    10 | Gaming Console | Electronics | 499.99 | 80 |
+-----+
10 rows in set (0.01 sec)
mysql> show tables;
+----+
| Tables_in_shailaja |
+----+
customer
| employee
| flights
```

product	ı
sales	1
student	1
+	+
6 rows in se	et (0.27 sec