```
Enter password: ********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.31 MySQL Community Server - GPL

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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           |
+--------------------+
| akurdi             |
| amitdb             |
| anudeep            |
| information_schema |
| mysql              |
| performance_schema |
| prajakta           |
| student            |
| sys                |
| userlogin          |
| uvpce              |
+--------------------+
11 rows in set (0.01 sec)

mysql> use anudeep;
Database changed
mysql> create table parents(P_ID int primary key, P_name varchar(30),City varchar(30),P_age int,Annual_income int, Occupation varchar(20),E_mail_ID varchar(20
));
Query OK, 0 rows affected (0.04 sec)

mysql> describe parents;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| P_ID          | int         | NO   | PRI | NULL    |       |
| P_name        | varchar(30) | YES  |     | NULL    |       |
| City          | varchar(30) | YES  |     | NULL    |       |
| P_age         | int         | YES  |     | NULL    |       |
| Annual_income | int         | YES  |     | NULL    |       |
| Occupation    | varchar(20) | YES  |     | NULL    |       |
| E_mail_ID     | varchar(20) | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
```

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| userlogin          |
| uvpce              |
+--------------------+
11 rows in set (0.01 sec)

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Database changed
mysql> create table parents(P_ID int primary key, P_name varchar(30),City varchar(30),P_age int,Annual_income int, Occupation varchar(20),E_mail_ID varchar(20
));
Query OK, 0 rows affected (0.04 sec)

mysql> describe parents;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| P_ID          | int         | NO   | PRI | NULL    |       |
| P_name        | varchar(30) | YES  |     | NULL    |       |
| City          | varchar(30) | YES  |     | NULL    |       |
| P_age         | int         | YES  |     | NULL    |       |
| Annual_income | int         | YES  |     | NULL    |       |
| Occupation    | varchar(20) | YES  |     | NULL    |       |
| E_mail_ID     | varchar(20) | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
```

```
| student       |
| sys           |
| userlogin     |
| uvpce         |
+-------------------+
11 rows in set (0.01 sec)

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Database changed
mysql> create table parents(P_ID int primary key, P_name varchar(30),City varchar(30),P_age int,Annual_income int, Occupation varchar(20),E_mail_ID varchar(20
));
Query OK, 0 rows affected (0.04 sec)

mysql> describe parents;
+---------------+--------------+------+-----+---------+-------+
| Field         | Type         | Null | Key | Default | Extra |
+---------------+--------------+------+-----+---------+-------+
| P_ID          | int          | NO   | PRI | NULL    |       |
| P_name        | varchar(30)  | YES  |     | NULL    |       |
| City          | varchar(30)  | YES  |     | NULL    |       |
| P_age         | int          | YES  |     | NULL    |       |
| Annual_income | int          | YES  |     | NULL    |       |
| Occupation    | varchar(20)  | YES  |     | NULL    |       |
| E_mail_ID     | varchar(20)  | YES  |     | NULL    |       |
+---------------+--------------+------+-----+---------+-------+
7 rows in set (0.01 sec)

mysql> insert into parents(P_name,City,P_age,annual_income,Occupation,E_mail_ID)
    -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager');
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into parents(P_name,City,P_age,annual_income,Occupation,E_mail_ID)
    ->     -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com');
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 '->
values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com')' at line 2
mysql> insert into parents values(101,"Arun Shinde","Ahemedabad",55,650000,"Manager","Ashinde@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(102,"Raju kale","pune",40,554000,"construction worker","rajukale@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(103,"salman kaif","delhi",45,652000,"Designer","salmank@gamil.com");
Query OK, 1 row affected (0.01 sec)

mysql> insert into parents values(104,"santosh jagtap","mumbai",45,555500,"teacher","santoshj@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(105,"sanjay jadhav","Osmanabad",47,485000,"agent","sanjayjadhav@gmail.com");
ERROR 1406 (22001): Data too long for column 'E_mail_ID' at row 1
mysql> insert into parents values(106,"Nmadev shelke","Kallam",50,500000,"workshop teacher","shelken@gmail.com");
```

```
| Field          | Type        | Null | Key | Default | Extra  |
+----------------+-------------+------+-----+---------+--------+
| P_ID           | int         | NO   | PRI | NULL    |        |
| P_name         | varchar(30) | YES  |     | NULL    |        |
| City           | varchar(30) | YES  |     | NULL    |        |
| P_age          | int         | YES  |     | NULL    |        |
| Annual_income  | int         | YES  |     | NULL    |        |
| Occupation     | varchar(20) | YES  |     | NULL    |        |
| E_mail_ID      | varchar(20) | YES  |     | NULL    |        |
+----------------+-------------+------+-----+---------+--------+
7 rows in set (0.01 sec)

mysql> insert into parents(P_name,City,P_age,annual_income,Occupation,E_mail_ID)
    -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager');
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into parents(P_name,City,P_age,annual_income,Occupation,E_mail_ID)
    ->        -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com');
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 '->
values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com')' at line 2
mysql> insert into parents values(101,"Arun Shinde","Ahemedabad",55,650000,"Manager","Ashinde@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(102,"Raju kale","pune",40,554000,"construction worker","rajukale@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(103,"salman kaif","delhi",45,652000,"Designer","salmank@gamil.com");
Query OK, 1 row affected (0.01 sec)

mysql> insert into parents values(104,"santosh jagtap","mumbai",45,555500,"teacher","santoshj@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(105,"sanjay jadhav","Osmanabad",47,485000,"agent","sanjayjadhav@gmail.com");
ERROR 1406 (22001): Data too long for column 'E_mail_ID' at row 1
mysql> insert into parents values(106,"Nmadev shelke","Kallam",50,500000,"workshop teacher","shelken@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(107,"aman gupta","Banglore",62,690000,"Farmer","amangupta@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(108,Seema morya","pune",45,580000,"Doctor","seemamorya@gmail.com");
    ">
    "> insert into parents values(108,Seema morya","pune",45,580000,"Doctor","seemamorya@gmail.com");
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 'mor
ya","pune",45,580000,"Doctor","seemamorya@gmail.com");

insert into parents v' at line 1
mysql> describe parents;
+----------------+-------------+------+-----+---------+--------+
| Field          | Type        | Null | Key | Default | Extra  |
```

```
MySQL 8.0 Command Line Client - Unicode

mysql> insert into parents values(108,Seema morya","pune",45,580000,"Doctor","seemamorya@gmail.com");
    ">
    "> insert into parents values(108,Seema morya","pune",45,580000,"Doctor","seemamorya@gmail.com");
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 'mor
ya","pune",45,580000,"Doctor","seemamorya@gmail.com");

insert into parents v' at line 1
mysql> describe parents;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| P_ID          | int         | NO   | PRI | NULL    |       |
| P_name        | varchar(30) | YES  |     | NULL    |       |
| City          | varchar(30) | YES  |     | NULL    |       |
| P_age         | int         | YES  |     | NULL    |       |
| Annual_income | int         | YES  |     | NULL    |       |
| Occupation    | varchar(20) | YES  |     | NULL    |       |
| E_mail_ID     | varchar(20) | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)

mysql> select * from parents;
+------+-----------------+------------+-------+---------------+--------------------+----------------------+
| P_ID | P_name          | City       | P_age | Annual_income | Occupation         | E_mail_ID            |
+------+-----------------+------------+-------+---------------+--------------------+----------------------+
|  101 | Arun Shinde     | Ahemedabad |    55 |        650000 | Manager            | Ashinde@gmail.com    |
|  102 | Raju kale       | pune       |    40 |        554000 | construction worker| rajukale@gmail.com   |
|  103 | salman kaif     | delhi      |    45 |        652000 | Designer           | salmank@gamil.com    |
|  104 | santosh jagtap  | mumbai     |    45 |        555500 | teacher            | santoshj@gamil.com   |
|  106 | Nmadev shelke   | Kallam     |    50 |        500000 | workshop teacher   | shelken@gmail.com    |
|  107 | aman gupta      | Banglore   |    62 |        690000 | Farmer             | amangupta@gamil.com  |
+------+-----------------+------------+-------+---------------+--------------------+----------------------+
6 rows in set (0.00 sec)

mysql> insert into parents values(108,"seema morya","pune",45,700000,"Doctor","seemao@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(109,"Vithallapa waghamare","parali",50,600000,"Medical","waghmare@gmail.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values (110,"shriniwas Abande","latur",52,640001,"Driver","shriniwas@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> select * from parents;
+------+-----------------+------------+-------+---------------+--------------------+----------------------+
| P_ID | P_name          | City       | P_age | Annual_income | Occupation         | E_mail_ID            |
+------+-----------------+------------+-------+---------------+--------------------+----------------------+
|  101 | Arun Shinde     | Ahemedabad |    55 |        650000 | Manager            | Ashinde@gmail.com    |
```

```
MySQL 8.0 Command Line Client - Unicode

mysql> select * from parents;
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
| P_ID | P_name               | City       | P_age | Annual_income | Occupation         | E_mail_ID              |
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
|  101 | Arun Shinde          | Ahemedabad |    55 |        650000 | Manager            | Ashinde@gmail.com      |
|  102 | Raju kale            | pune       |    40 |        554000 | construction worker| rajukale@gmail.com     |
|  103 | salman kaif          | delhi      |    45 |        652000 | Designer           | salmank@gamil.com      |
|  104 | santosh jagtap       | mumbai     |    45 |        555500 | teacher            | santoshj@gamil.com     |
|  106 | Nmadev shelke        | Kallam     |    50 |        500000 | workshop teacher   | shelken@gmail.com      |
|  107 | aman gupta           | Banglore   |    62 |        690000 | Farmer             | amangupta@gamil.com    |
|  108 | seema morya          | pune       |    45 |        700000 | Doctor             | seemao@gamil.com       |
|  109 | Vithallapa waghamare | parali     |    50 |        600000 | Medical            | waghmare@gmail.com     |
|  110 | shriniwas Abande      | latur      |    52 |        640001 | Driver             | shriniwas@gamil.com    |
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
9 rows in set (0.00 sec)

mysql> select * from parents WHERE Annual_income<500000 or P_age>45;
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
| P_ID | P_name               | City       | P_age | Annual_income | Occupation         | E_mail_ID              |
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
|  101 | Arun Shinde          | Ahemedabad |    55 |        650000 | Manager            | Ashinde@gmail.com      |
|  106 | Nmadev shelke        | Kallam     |    50 |        500000 | workshop teacher   | shelken@gmail.com      |
|  107 | aman gupta           | Banglore   |    62 |        690000 | Farmer             | amangupta@gamil.com    |
|  109 | Vithallapa waghamare | parali     |    50 |        600000 | Medical            | waghmare@gmail.com     |
|  110 | shriniwas Abande      | latur      |    52 |        640001 | Driver             | shriniwas@gamil.com    |
+------+----------------------+------------+-------+---------------+--------------------+------------------------+
5 rows in set (0.02 sec)

mysql> select count(Annual_income) from parents WHERE Annual_income>600000;
+----------------------+
| count(Annual_income) |
+----------------------+
|                    5 |
+----------------------+
1 row in set (0.02 sec)

mysql> select * from parents WHERE city in("Pune","Mumbai","latur","osmanabad");
+------+------------------+--------+-------+---------------+--------------------+---------------------+
| P_ID | P_name           | City   | P_age | Annual_income | Occupation         | E_mail_ID           |
+------+------------------+--------+-------+---------------+--------------------+---------------------+
|  102 | Raju kale        | pune   |    40 |        554000 | construction worker| rajukale@gmail.com  |
|  104 | santosh jagtap   | mumbai |    45 |        555500 | teacher            | santoshj@gamil.com  |
|  108 | seema morya      | pune   |    45 |        700000 | Doctor             | seemao@gamil.com    |
|  110 | shriniwas Abande  | latur  |    52 |        640001 | Driver             | shriniwas@gamil.com |
+------+------------------+--------+-------+---------------+--------------------+---------------------+
4 rows in set (0.00 sec)

mysql>     -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com');
```

```
+------+--------------+-----------+-------+---------------+-------+
7 rows in set (0.00 sec)

mysql> select * from parents;
+------+--------------+-----------+-------+---------------+--------------------+--------------------------+
| P_ID | P_name       | City      | P_age | Annual_income | Occupation         | E_mail_ID                |
+------+--------------+-----------+-------+---------------+--------------------+--------------------------+
|  101 | Arun Shinde  | Ahemedabad|    55 |        650000 | Manager            | Ashinde@gmail.com        |
|  102 | Raju kale    | pune      |    40 |        554000 | construction worker| rajukale@gmail.com       |
|  103 | salman kaif  | delhi     |    45 |        652000 | Designer           | salmank@gamil.com        |
|  104 | santosh jagtap| mumbai   |    45 |        555500 | teacher            | santoshj@gamil.com       |
|  106 | Nmadev shelke| Kallam    |    50 |        500000 | workshop teacher   | shelken@gmail.com        |
|  107 | aman gupta   | Banglore  |    62 |        690000 | Farmer             | amangupta@gamil.com      |
+------+--------------+-----------+-------+---------------+--------------------+--------------------------+
6 rows in set (0.00 sec)

mysql> insert into parents values(108,"seema morya","pune",45,700000,"Doctor","seemao@gamil.com");
Query OK, 1 row affected (0.02 sec)

mysql> insert into parents values(109,"Vithallapa waghamare","parali",50,600000,"Medical","waghmare@gmail.com");
Query OK, 1 row affected (0.02 sec)

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Query OK, 1 row affected (0.02 sec)

mysql> select * from parents;
+------+----------------------+-----------+-------+---------------+--------------------+--------------------------+
| P_ID | P_name               | City      | P_age | Annual_income | Occupation         | E_mail_ID                |
+------+----------------------+-----------+-------+---------------+--------------------+--------------------------+
|  101 | Arun Shinde          | Ahemedabad|    55 |        650000 | Manager            | Ashinde@gmail.com        |
|  102 | Raju kale            | pune      |    40 |        554000 | construction worker| rajukale@gmail.com       |
|  103 | salman kaif          | delhi     |    45 |        652000 | Designer           | salmank@gamil.com        |
|  104 | santosh jagtap       | mumbai    |    45 |        555500 | teacher            | santoshj@gamil.com       |
|  106 | Nmadev shelke        | Kallam    |    50 |        500000 | workshop teacher   | shelken@gmail.com        |
|  107 | aman gupta           | Banglore  |    62 |        690000 | Farmer             | amangupta@gamil.com      |
|  108 | seema morya          | pune      |    45 |        700000 | Doctor             | seemao@gamil.com         |
|  109 | Vithallapa waghamare | parali    |    50 |        600000 | Medical            | waghmare@gmail.com       |
|  110 | shriniwas Abande     | latur     |    52 |        640001 | Driver             | shriniwas@gamil.com      |
+------+----------------------+-----------+-------+---------------+--------------------+--------------------------+
9 rows in set (0.00 sec)

mysql> select * from parents WHERE Annual_income<500000 or P_age>45;
+------+----------------------+-----------+-------+---------------+--------------------+--------------------------+
| P_ID | P_name               | City      | P_age | Annual_income | Occupation         | E_mail_ID                |
+------+----------------------+-----------+-------+---------------+--------------------+--------------------------+
|  101 | Arun Shinde          | Ahemedabad|    55 |        650000 | Manager            | Ashinde@gmail.com        |
|  106 | Nmadev shelke        | Kallam    |    50 |        500000 | workshop teacher   | shelken@gmail.com        |
|  107 | aman gupta           | Banglore  |    62 |        690000 | Farmer             | amangupta@gamil.com      |
|  109 | Vithallapa waghamare | parali    |    50 |        600000 | Medical            | waghmare@gmail.com       |
```

```
| 109 | Vithallapa waghamare | parali |    50 |   600000 | Medical   |    waghmare@gmail.com |
| 110 | shriniwas Abande     | latur  |    52 |   640001 | Driver    |    shriniwas@gamil.com |
+-----+----------------------+--------+-------+----------+-----------+-----------------------+
5 rows in set (0.02 sec)

mysql> select count(Annual_income) from parents WHERE Annual_income>600000;
+----------------------+
| count(Annual_income) |
+----------------------+
|                    5 |
+----------------------+
1 row in set (0.02 sec)

mysql> select * from parents WHERE city in("Pune","Mumbai","latur","osmanabad");
+-------+-----------------+--------+-------+---------------+---------------------+-----------------------+
| P_ID  | P_name          | City   | P_age | Annual_income | Occupation          | E_mail_ID             |
+-------+-----------------+--------+-------+---------------+---------------------+-----------------------+
|   102 | Raju kale       | pune   |    40 |        554000 | construction worker | rajukale@gmail.com    |
|   104 | santosh jagtap  | mumbai |    45 |        555500 | teacher             | santoshj@gamil.com    |
|   108 | seema morya     | pune   |    45 |        700000 | Doctor              | seemao@gamil.com      |
|   110 | shriniwas Abande| latur  |    52 |        640001 | Driver              | shriniwas@gamil.com   |
+-------+-----------------+--------+-------+---------------+---------------------+-----------------------+
4 rows in set (0.00 sec)

mysql>     -> values('Arun Shinde', 'Ahemedabad',55,65000,'Manager','Ashinde@gamil.com');
```