```
MySQL 8.0 Command Line Client                                                                    —  □  ×

Enter password: ********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
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> create database Anudeep;
Query OK, 1 row affected (0.04 sec)

mysql> use Anudeep;
Database changed
mysql>  create table tblParents(Parent_ID int primary key, Parent_name varchar(40), City Varchar(30), Parent_age int, Annual_income int, Occupation varchar(40), Email_ID Varchar(40));
Query OK, 0 rows affected (0.03 sec)

mysql> insert into tblParents(1,"Lisa manobal","Mumbai",34,4000000,Dancer,"Lalisa@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 '1,"Lisa manobal","Mumbai",34,4000000,Dancer,"Lalisa@gmai
l.com")' at line 1
mysql>  insert into tblParents values(1,"Lisa manobal","Mumbai",34,4000000,Dancer,"Lalisa@gmail.com");
ERROR 1054 (42S22): Unknown column 'Dancer' in 'field list'
mysql>  insert into tblParents values(1,"Lisa manobal","Mumbai",34,4000000,"Dancer","Lalisa@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> insert into tblParents values(2,"Kim Jennie","Pune",44,4080000,"Designer","Kimj11@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> insert into tblParents values(3,"Shweta Khadse","Ahamadabad",46,3600000,"Engineer","Khadseshwet14@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> insert into tblParents values(4,"Pratik Sharma","Chenai",47,240000,"Software Engineer","Sharmap@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> insert into tblParents values(5,"Rahul Sharma","Mumbai",34,4000000,"Dancer","Lalisa@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> insert into tblParents values(6,"Atharv Shete","Banglore",57,2900000,"Civil Engineer","Atharvshete@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(7,"Rishab Murthy","Chennai",38,2100000,"Doctor","murthy921@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> ^C
mysql>  insert into tblParents values(8,"Amit Saxena","Kolkata",61"528090","Worker","Saxenaam@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 '"528090","Worker","Saxenaam@gmail.com")' at line 1
```

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MySQL 8.0 Command Line Client                                                                    —  ☐  ×

mysql>  insert into tblParents values(8,"Amit Saxena","Kolkata",61"528090","Worker","Saxenaam@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 '"528090","Worker","Saxenaam@gmail.com")' at line 1
mysql>  insert into tblParents values(8,"Amit Saxena","Kolkata",61,528090,"Worker","Saxenaam@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(9,"Anurag Basu","Kolkata",68,8000000,"Buisnessman","Anu456basu@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> ^C
mysql>  insert into tblParents values(10,"Shiksha Verma","Delhi"39,323000,"worker","Shikshaverma@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 '39,323000,"worker","Shikshaverma@gmail.com")' at line 1
mysql>  insert into tblParents values(10,"Shiksha Verma","Delhi",39,323000,"worker","Shikshaverma@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> select * from tblParents;
+-----------+---------------+-------------+-------------+---------------+------------------+-------------------------------+
| Parent_ID | Parent_name   | City        | Parent_age  | Annual_income | Occupation       | Email_ID                      |
+-----------+---------------+-------------+-------------+---------------+------------------+-------------------------------+
|         1 | Lisa manobal  | Mumbai      |          34 |       4000000 | Dancer           | Lalisa@gmail.com              |
|         2 | Kim Jennie    | Pune        |          44 |       4080000 | Designer         | Kimj11@gmail.com              |
|         3 | Shweta Khadse | Ahamadabad  |          46 |       3600000 | Engineer         | Khadseshwet14@gmail.com       |
|         4 | Pratik Sharma | Chenai      |          47 |        240000 | Software Engineer| Sharmap@gmail.com             |
|         5 | Rahul Sharma  | Mumbai      |          34 |       4000000 | Dancer           | Lalisa@gmail.com              |
|         6 | Atharv Shete  | Banglore    |          57 |       2900000 | Civil Engineer   | Atharvshete@gmail.com         |
|         7 | Rishab Murthy | Chennai     |          38 |       2100000 | Doctor           | murthy921@gmail.com           |
|         8 | Amit Saxena   | Kolkata     |          61 |        528090 | Worker           | Saxenaam@gmail.com            |
|         9 | Anurag Basu   | Kolkata     |          68 |       8000000 | Buisnessman      | Anu456basu@gmail.com          |
|        10 | Shiksha Verma | Delhi       |          39 |        323000 | worker           | Shikshaverma@gmail.com        |
+-----------+---------------+-------------+-------------+---------------+------------------+-------------------------------+
10 rows in set (0.00 sec)

mysql> insert into tblParents values(11,"Shrishti Tawade","Chennai",59,789000,"Company Worker","Stawade@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(12,"Sakshi Chaturvedi","Delhi",53,756900,"Makeup Artist","chatursakshi@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(13,"Kim Jisoo","Banglore",47,2780800,"Anchor","Jiskim98@gmail.com");
Query OK, 1 row affected (0.01 sec)

mysql> ^C
mysql>  insert into tblParents values(14,"Soni Mahiwal","Chennai",62,480000,"Farmer","Soni635@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(15,"Sanskriti Shelke","Surat",36,578900,"Teacher","Shelkesi@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(16,"Soni Rajdan","Ahamadabad",59,6800000,"Civil Engineer","Rajsoni@gmail.com");
Query OK, 1 row affected (0.04 sec)
```
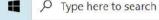
```
MySQL 8.0 Command Line Client

Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(18,"Myuri Sable","Satara",43,470000,"Farmer","Sablemayu@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql>  insert into tblParents values(19,"Tarak mehta",Mumbai",49,2400000,"Civil Engineer","Tarakm30@gmail.com");
    ">
    ">
    "> ;
    ">  insert into tblParents values(19,"Tarak mehta","Mumbai",49,2400000,"Civil Engineer","Tarakm30@gmail.com");
    "> select * from tblParents;
    ">  insert into tblParents values(19,"Tarak mehta",Mumbai",49,2400000,"Civil Engineer","Tarakm30@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 '",49,2400000,"Civil Engineer","Tarakm30@gmail.com");

;
 insert into tblParents' at line 1
mysql>  insert into tblParents values(19,"Tarak mehta","Mumbai",49,2400000,"Civil Engineer","Tarakm30@gmail.com");
Query OK, 1 row affected (0.00 sec)

mysql>  insert into tblParents values(20,"Swati Kamble","Chennai",61,3900000,"Software Engineer","Kambles421@gmail.com");
Query OK, 1 row affected (0.04 sec)

mysql> Select * from tblParents;

+-----------+------------------+------------+------------+---------------+------------------+--------------------------+
| Parent_ID | Parent_name      | City       | Parent_age | Annual_income | Occupation       | Email_ID                 |
+-----------+------------------+------------+------------+---------------+------------------+--------------------------+
|         1 | Lisa manobal     | Mumbai     |         34 |       4000000 | Dancer           | Lalisa@gmail.com         |
|         2 | Kim Jennie       | Pune       |         44 |       4080000 | Designer         | Kimj11@gmail.com         |
|         3 | Shweta Khadse    | Ahamadabad |         46 |       3600000 | Engineer         | Khadseshwet14@gmail.com  |
|         4 | Pratik Sharma    | Chenai     |         47 |        240000 | Software Engineer| Sharmap@gmail.com        |
|         5 | Rahul Sharma     | Mumbai     |         34 |       4000000 | Dancer           | Lalisa@gmail.com         |
|         6 | Atharv Shete     | Banglore   |         57 |       2900000 | Civil Engineer   | Atharvshete@gmail.com    |
|         7 | Rishab Murthy    | Chennai    |         38 |       2100000 | Doctor           | murthy921@gmail.com      |
|         8 | Amit Saxena      | Kolkata    |         61 |        528090 | Worker           | Saxenaam@gmail.com       |
|         9 | Anurag Basu      | Kolkata    |         68 |       8000000 | Buisnessman      | Anu456basu@gmail.com     |
|        10 | Shiksha Verma    | Delhi      |         39 |        323000 | worker           | Shikshaverma@gmail.com   |
|        11 | Shrishti Tawade  | Chennai    |         59 |        789000 | Company Worker   | Stawade@gmail.com        |
|        12 | Sakshi Chaturvedi| Delhi      |         53 |        756900 | Makeup Artist    | chatursakshi@gmail.com   |
|        13 | Kim Jisoo        | Banglore   |         47 |       2780800 | Anchor           | Jiskim98@gmail.com       |
|        14 | Soni Mahiwal     | Chennai    |         62 |        480000 | Farmer           | Soni635@gmail.com        |
|        15 | Sanskriti Shelke | Surat      |         36 |        578900 | Teacher          | Shelkesi@gmail.com       |
|        16 | Soni Rajdan      | Ahamadabad |         59 |       6800000 | Civil Engineer   | Rajsoni@gmail.com        |
|        17 | Arohi Malhotra   | Latur      |         61 |       3890000 | Dentiest         | Armalhotra@gmail.com     |
|        18 | Myuri Sable      | Satara     |         43 |        470000 | Farmer           | Sablemayu@gmail.com      |
|        19 | Tarak mehta      | Mumbai     |         49 |       2400000 | Civil Engineer   | Tarakm30@gmail.com       |
|        20 | Swati Kamble     | Chennai    |         61 |       3900000 | Software Engineer| Kambles421@gmail.com     |
+-----------+------------------+------------+------------+---------------+------------------+--------------------------+
20 rows in set (0.00 sec)
```

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MySQL 8.0 Command Line Client                                                                    —   □   ×

mysql> update tblParents set Email_ID="NA";
Query OK, 20 rows affected (0.04 sec)
Rows matched: 20  Changed: 20  Warnings: 0

mysql> select * from tblParents;
+-----------+------------------+------------+------------+---------------+------------------+----------+
| Parent_ID | Parent_name      | City       | Parent_age | Annual_income | Occupation       | Email_ID |
+-----------+------------------+------------+------------+---------------+------------------+----------+
|         1 | Lisa manobal     | Mumbai     |         34 |       4000000 | Dancer           | NA       |
|         2 | Kim Jennie       | Pune       |         44 |       4080000 | Designer         | NA       |
|         3 | Shweta Khadse    | Ahamadabad |         46 |       3600000 | Engineer         | NA       |
|         4 | Pratik Sharma    | Chenai     |         47 |        240000 | Software Engineer| NA       |
|         5 | Rahul Sharma     | Mumbai     |         34 |       4000000 | Dancer           | NA       |
|         6 | Atharv Shete     | Banglore   |         57 |       2900000 | Civil Engineer   | NA       |
|         7 | Rishab Murthy    | Chennai    |         38 |       2100000 | Doctor           | NA       |
|         8 | Amit Saxena      | Kolkata    |         61 |        528090 | Worker           | NA       |
|         9 | Anurag Basu      | Kolkata    |         68 |       8000000 | Buisnessman      | NA       |
|        10 | Shiksha Verma    | Delhi      |         39 |        323000 | worker           | NA       |
|        11 | Shrishti Tawade  | Chennai    |         59 |        789000 | Company Worker   | NA       |
|        12 | Sakshi Chaturvedi| Delhi      |         53 |        756900 | Makeup Artist    | NA       |
|        13 | Kim Jisoo        | Banglore   |         47 |       2780800 | Anchor           | NA       |
|        14 | Soni Mahiwal     | Chennai    |         62 |        480000 | Farmer           | NA       |
|        15 | Sanskriti Shelke | Surat      |         36 |        578900 | Teacher          | NA       |
|        16 | Soni Rajdan      | Ahamadabad |         59 |       6800000 | Civil Engineer   | NA       |
|        17 | Arohi Malhotra   | Latur      |         61 |       3890000 | Dentiest         | NA       |
|        18 | Myuri Sable      | Satara     |         43 |        470000 | Farmer           | NA       |
|        19 | Tarak mehta      | Mumbai     |         49 |       2400000 | Civil Engineer   | NA       |
|        20 | Swati Kamble     | Chennai    |         61 |       3900000 | Software Engineer| NA       |
+-----------+------------------+------------+------------+---------------+------------------+----------+
20 rows in set (0.00 sec)

mysql> select * from tblParents where Annual_income>600000;
+-----------+------------------+------------+------------+---------------+------------------+----------+
| Parent_ID | Parent_name      | City       | Parent_age | Annual_income | Occupation       | Email_ID |
+-----------+------------------+------------+------------+---------------+------------------+----------+
|         1 | Lisa manobal     | Mumbai     |         34 |       4000000 | Dancer           | NA       |
|         2 | Kim Jennie       | Pune       |         44 |       4080000 | Designer         | NA       |
|         3 | Shweta Khadse    | Ahamadabad |         46 |       3600000 | Engineer         | NA       |
|         5 | Rahul Sharma     | Mumbai     |         34 |       4000000 | Dancer           | NA       |
|         6 | Atharv Shete     | Banglore   |         57 |       2900000 | Civil Engineer   | NA       |
|         7 | Rishab Murthy    | Chennai    |         38 |       2100000 | Doctor           | NA       |
|         9 | Anurag Basu      | Kolkata    |         68 |       8000000 | Buisnessman      | NA       |
|        11 | Shrishti Tawade  | Chennai    |         59 |        789000 | Company Worker   | NA       |
|        12 | Sakshi Chaturvedi| Delhi      |         53 |        756900 | Makeup Artist    | NA       |
|        13 | Kim Jisoo        | Banglore   |         47 |       2780800 | Anchor           | NA       |
|        16 | Soni Rajdan      | Ahamadabad |         59 |       6800000 | Civil Engineer   | NA       |
|        17 | Arohi Malhotra   | Latur      |         61 |       3890000 | Dentiest         | NA       |
|        19 | Tarak mehta      | Mumbai     |         49 |       2400000 | Civil Engineer   | NA       |
|        20 | Swati Kamble     | Chennai    |         61 |       3900000 | Software Engineer| NA       |
+-----------+------------------+------------+------------+---------------+------------------+----------+
```
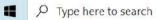
14 rows in set (0.00 sec)

```
mysql> select * from tblParents where City in('Ahamadabad','Banglore','Delhi','Chennai','Mumbai');
+-----------+-------------------+------------+------------+---------------+-------------------+----------+
| Parent_ID | Parent_name       | City       | Parent_age | Annual_income | Occupation        | Email_ID |
+-----------+-------------------+------------+------------+---------------+-------------------+----------+
|         1 | Lisa manobal      | Mumbai     |         34 |       4000000 | Dancer            | NA       |
|         3 | Shweta Khadse     | Ahamadabad |         46 |       3600000 | Engineer          | NA       |
|         5 | Rahul Sharma      | Mumbai     |         34 |       4000000 | Dancer            | NA       |
|         6 | Atharv Shete      | Banglore   |         57 |       2900000 | Civil Engineer    | NA       |
|         7 | Rishab Murthy     | Chennai    |         38 |       2100000 | Doctor            | NA       |
|        10 | Shiksha Verma     | Delhi      |         39 |        323000 | worker            | NA       |
|        11 | Shrishti Tawade   | Chennai    |         59 |        789000 | Company Worker    | NA       |
|        12 | Sakshi Chaturvedi | Delhi      |         53 |        756900 | Makeup Artist     | NA       |
|        13 | Kim Jisoo         | Banglore   |         47 |       2780800 | Anchor            | NA       |
|        14 | Soni Mahiwal      | Chennai    |         62 |        480000 | Farmer            | NA       |
|        16 | Soni Rajdan       | Ahamadabad |         59 |       6800000 | Civil Engineer    | NA       |
|        19 | Tarak mehta       | Mumbai     |         49 |       2400000 | Civil Engineer    | NA       |
|        20 | Swati Kamble      | Chennai    |         61 |       3900000 | Software Engineer | NA       |
+-----------+-------------------+------------+------------+---------------+-------------------+----------+
13 rows in set (0.04 sec)

mysql> select * from tblParents where Annual_income<500000;
+-----------+---------------+---------+------------+---------------+-------------------+----------+
| Parent_ID | Parent_name   | City    | Parent_age | Annual_income | Occupation        | Email_ID |
+-----------+---------------+---------+------------+---------------+-------------------+----------+
|         4 | Pratik Sharma | Chenai  |         47 |        240000 | Software Engineer | NA       |
|        10 | Shiksha Verma | Delhi   |         39 |        323000 | worker            | NA       |
|        14 | Soni Mahiwal  | Chennai |         62 |        480000 | Farmer            | NA       |
|        18 | Myuri Sable   | Satara  |         43 |        470000 | Farmer            | NA       |
+-----------+---------------+---------+------------+---------------+-------------------+----------+
4 rows in set (0.00 sec)

mysql> select * from tblParents where Parent_age>45;
+-----------+-------------------+------------+------------+---------------+-------------------+----------+
| Parent_ID | Parent_name       | City       | Parent_age | Annual_income | Occupation        | Email_ID |
+-----------+-------------------+------------+------------+---------------+-------------------+----------+
|         3 | Shweta Khadse     | Ahamadabad |         46 |       3600000 | Engineer          | NA       |
|         4 | Pratik Sharma     | Chenai     |         47 |        240000 | Software Engineer | NA       |
|         6 | Atharv Shete      | Banglore   |         57 |       2900000 | Civil Engineer    | NA       |
|         8 | Amit Saxena       | Kolkata    |         61 |        528090 | Worker            | NA       |
|         9 | Anurag Basu       | Kolkata    |         68 |       8000000 | Buisnessman       | NA       |
|        11 | Shrishti Tawade   | Chennai    |         59 |        789000 | Company Worker    | NA       |
|        12 | Sakshi Chaturvedi | Delhi      |         53 |        756900 | Makeup Artist     | NA       |
|        13 | Kim Jisoo         | Banglore   |         47 |       2780800 | Anchor            | NA       |
|        14 | Soni Mahiwal      | Chennai    |         62 |        480000 | Farmer            | NA       |
|        16 | Soni Rajdan       | Ahamadabad |         59 |       6800000 | Civil Engineer    | NA       |
|        17 | Arohi Malhotra    | Latur      |         61 |       3890000 | Dentiest          | NA       |
|        19 | Tarak mehta       | Mumbai     |         49 |       2400000 | Civil Engineer    | NA       |
|        20 | Swati Kamble      | Chennai    |         61 |       3900000 | Software Engineer | NA       |
```

4 rows in set (0.00 sec)

mysql> select * from tblParents where Parent_age>45;

Parent_ID	Parent_name	City	Parent_age	Annual_income	Occupation	Email_ID
3	Shweta Khadse	Ahamadabad	46	3600000	Engineer	NA
4	Pratik Sharma	Chenai	47	240000	Software Engineer	NA
6	Atharv Shete	Banglore	57	2900000	Civil Engineer	NA
8	Amit Saxena	Kolkata	61	528090	Worker	NA
9	Anurag Basu	Kolkata	68	8000000	Buisnessman	NA
11	Shrishti Tawade	Chennai	59	789000	Company Worker	NA
12	Sakshi Chaturvedi	Delhi	53	756900	Makeup Artist	NA
13	Kim Jisoo	Banglore	47	2780800	Anchor	NA
14	Soni Mahiwal	Chennai	62	480000	Farmer	NA
16	Soni Rajdan	Ahamadabad	59	6800000	Civil Engineer	NA
17	Arohi Malhotra	Latur	61	3890000	Dentiest	NA
19	Tarak mehta	Mumbai	49	2400000	Civil Engineer	NA
20	Swati Kamble	Chennai	61	3900000	Software Engineer	NA

13 rows in set (0.00 sec)

mysql> select * from tblParents where Annual_income<500000 or Parent_age>45;

Parent_ID	Parent_name	City	Parent_age	Annual_income	Occupation	Email_ID
3	Shweta Khadse	Ahamadabad	46	3600000	Engineer	NA
4	Pratik Sharma	Chenai	47	240000	Software Engineer	NA
6	Atharv Shete	Banglore	57	2900000	Civil Engineer	NA
8	Amit Saxena	Kolkata	61	528090	Worker	NA
9	Anurag Basu	Kolkata	68	8000000	Buisnessman	NA
10	Shiksha Verma	Delhi	39	323000	worker	NA
11	Shrishti Tawade	Chennai	59	789000	Company Worker	NA
12	Sakshi Chaturvedi	Delhi	53	756900	Makeup Artist	NA
13	Kim Jisoo	Banglore	47	2780800	Anchor	NA
14	Soni Mahiwal	Chennai	62	480000	Farmer	NA
16	Soni Rajdan	Ahamadabad	59	6800000	Civil Engineer	NA
17	Arohi Malhotra	Latur	61	3890000	Dentiest	NA
18	Myuri Sable	Satara	43	470000	Farmer	NA
19	Tarak mehta	Mumbai	49	2400000	Civil Engineer	NA
20	Swati Kamble	Chennai	61	3900000	Software Engineer	NA

15 rows in set (0.00 sec)

mysql>