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Microsoft Windows [Version 10.0.26100.4770]

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C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -h localhost -u anuj -p

Enter password: \*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 11

Server version: 8.0.42 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use inventory;

Database changed

mysql> desc supplier;

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

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

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

| splid | int | NO | PRI | NULL | |

| sname | varchar(60) | YES | | NULL | |

| address | varchar(80) | YES | | NULL | |

| email | varchar(50) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into supplier values(901,'ram','pune');

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into supplier (splid,sname,address,email) values(101,'ram','pune','ram@gmail.com');

ERROR 3819 (HY000): Check constraint 'chk' is violated.

mysql> INSERT INTO supplier (splid, sname, address, email) VALUES (901, 'ram', 'pune', 'ram@gmail.com');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO supplier (splid, sname, address, email) VALUES (902, 'anuj', 'nashik', 'anuj@gmail.com');

Query OK, 1 row affected (0.01 sec)

mysql> select \* from supplier;

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

| splid | sname | address | email |

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

| 901 | ram | pune | ram@gmail.com |

| 902 | anuj | nashik | anuj@gmail.com |

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

2 rows in set (0.00 sec)

mysql> desc product;

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

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

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

| pid | int | NO | PRI | NULL | |

| pname | varchar(30) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> insert into product (pid,pname,price) values (101,ram,2000);

ERROR 1054 (42S22): Unknown column 'ram' in 'field list'

mysql> insert into product (pid,pname,price) values (101,wheat,2000);

ERROR 1054 (42S22): Unknown column 'wheat' in 'field list'

mysql> insert into product (pid,pname,price) values (550,wheat,2000);

ERROR 1054 (42S22): Unknown column 'wheat' in 'field list'

mysql> insert into product (pid,pname,price) values (550,rajesh,2000);

ERROR 1054 (42S22): Unknown column 'rajesh' in 'field list'

mysql> insert into product (pid,pname,price) values (550,'wheat',2000);

Query OK, 1 row affected (0.01 sec)

mysql> select \*from product;

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

| pid | pname | price |

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

| 550 | wheat | 2000 |

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

1 row in set (0.00 sec)

mysql> insert into sales values(100,'458','1');

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sales`, CONSTRAINT `sales\_ibfk\_1` FOREIGN KEY (`pid`) REFERENCES `product` (`pid`))

mysql> INSERT INTO sales VALUES (100, '458', '1');

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sales`, CONSTRAINT `sales\_ibfk\_1` FOREIGN KEY (`pid`) REFERENCES `product` (`pid`))

mysql> INSERT INTO sales VALUES (100, '500', '1');

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`inventory`.`sales`, CONSTRAINT `sales\_ibfk\_1` FOREIGN KEY (`pid`) REFERENCES `product` (`pid`))

mysql> SELECT \* FROM product WHERE pid = '458';

Empty set (0.00 sec)

mysql> INSERT INTO product (pid, pname, price) VALUES ('458', 'wheat',2000);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO sales VALUES (100, '458', '1');

Query OK, 1 row affected (0.01 sec)

mysql> select \*from product;

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

| pid | pname | price |

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

| 458 | wheat | 2000 |

| 550 | wheat | 2000 |

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

2 rows in set (0.00 sec)

mysql> insert into product values(205,'rice','1000');

Query OK, 1 row affected (0.01 sec)

mysql> insert into sales values(101,'205','1000');

Query OK, 1 row affected (0.01 sec)

mysql> select \*from sales;

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

| sid | pid | qty |

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

| 100 | 458 | 1 |

| 101 | 205 | 1000 |

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

2 rows in set (0.00 sec)

mysql> select \*from product;

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

| pid | pname | price |

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

| 205 | rice | 1000 |

| 458 | wheat | 2000 |

| 550 | wheat | 2000 |

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

3 rows in set (0.00 sec)

mysql> delete from product where pid=100;

Query OK, 0 rows affected (0.01 sec)

mysql> delete from product where pid=100;delete from product where pid=100;delete from product where pid=100;