Enter password: \*\*\*\*

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

Your MySQL connection id is 10

Server version: 8.0.21 MySQL Community Server - GPL

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

mysql> show databases;

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

| Database |

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

| ass6 |

| ass7 |

| assignment7 |

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| stud |

| student |

| sys |

| world |

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

11 rows in set (0.00 sec)

mysql> create database ass4;

Query OK, 1 row affected (0.08 sec)

mysql> connect ass4

Connection id: 11

Current database: ass4

mysql> create table supplier(s\_id int primary key,s-name varchar(20),address varchar(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(20),address varchar(20))' at line 1

mysql> create table supplier(s\_id int primary key,s\_name varchar(20),address varchar(20));

Query OK, 0 rows affected (0.13 sec)

mysql> desc supplier;

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

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

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

| s\_id | int | NO | PRI | NULL | |

| s\_name | varchar(20) | YES | | NULL | |

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

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

3 rows in set (0.09 sec)

mysql> create table parts(part\_id int primary key,part\_name varchar(20),part\_type varchar(20));

Query OK, 0 rows affected (0.10 sec)

mysql> create table orders(order\_no int primary key,part\_is int references parts(part\_id),s\_id int references to supplier(s\_id),order\_date DATE);

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 'to supplier(s\_id),order\_date DATE)' at line 1

mysql> create table orders(order\_no int primary key,part\_is int references parts(part\_id),s\_id int references supplier(s\_id),order\_date DATE);

Query OK, 0 rows affected (0.13 sec)

mysql> create table catlog(part\_id int references parts(part\_id),part\_name varchar(20),cost int available\_stock int);

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 'available\_stock int)' at line 1

mysql> create table catalog(part\_id int references parts(part\_id),part\_name varchar(20),cost int, available\_stock int);

Query OK, 0 rows affected (0.11 sec)

mysql> desc catalog;

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

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

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

| part\_id | int | YES | | NULL | |

| part\_name | varchar(20) | YES | | NULL | |

| cost | int | YES | | NULL | |

| available\_stock | int | YES | | NULL | |

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

4 rows in set (0.08 sec)

mysql> insert into supplier values(101,"akash auto","chakan");

Query OK, 1 row affected (0.02 sec)

mysql> insert into supplier values(102,"hitach","pune");

Query OK, 1 row affected (0.08 sec)

mysql> insert into supplier values(103,"om breaks","noida");

Query OK, 1 row affected (0.08 sec)

mysql> insert into supplier values(104,"bmc steel","ranchi");

Query OK, 1 row affected (0.08 sec)

mysql> insert into supplier values(105,"telco glass","mumbai");

Query OK, 1 row affected (0.00 sec)

mysql> insert into supplier values(106,"ashok leyland","chennai");

Query OK, 1 row affected (0.01 sec)

mysql> insert into supplier values(107,"bharat benz","surat");

Query OK, 1 row affected (0.08 sec)

mysql> select \*from supplier;

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

| s\_id | s\_name | address |

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

| 101 | akash auto | chakan |

| 102 | hitach | pune |

| 103 | om breaks | noida |

| 104 | bmc steel | ranchi |

| 105 | telco glass | mumbai |

| 106 | ashok leyland | chennai |

| 107 | bharat benz | surat |

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

7 rows in set (0.01 sec)

mysql> insert into parts values(301,"fule pump","engine");

Query OK, 1 row affected (0.09 sec)

mysql> insert into parts values(302,"break liners","break system");

Query OK, 1 row affected (0.08 sec)

mysql> insert into parts values(303,"head lamps","car body");

Query OK, 1 row affected (0.08 sec)

mysql> insert into parts values(304,"gear box","engine");

Query OK, 1 row affected (0.08 sec)

mysql> insert into parts values(305,"ac button","dash bord");

Query OK, 1 row affected (0.01 sec)

mysql> insert into parts values(306,"music system","dash bord");

Query OK, 1 row affected (0.08 sec)

mysql> insert into parts values(307,"battery","electric");

Query OK, 1 row affected (0.08 sec)

mysql> select \*from parts;

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

| part\_id | part\_name | part\_type |

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

| 301 | fule pump | engine |

| 302 | break liners | break system |

| 303 | head lamps | car body |

| 304 | gear box | engine |

| 305 | ac button | dash bord |

| 306 | music system | dash bord |

| 307 | battery | electric |

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

7 rows in set (0.00 sec)

mysql> insert into orders values(1001,301,102,"2017-02-03");

Query OK, 1 row affected (0.07 sec)

mysql> insert into orders values(1002,302,103,"2017-04-10");

Query OK, 1 row affected (0.08 sec)

mysql> insert into orders values(1003,303,104,"2017-05-11");

Query OK, 1 row affected (0.08 sec)

mysql> insert into orders values(1004,304,102,"2017-05-11");

Query OK, 1 row affected (0.08 sec)

mysql> insert into orders values(1005,305,101,"2017-06-11");

Query OK, 1 row affected (0.08 sec)

mysql> insert into orders values(1006,306,103,"2017-07-11");

Query OK, 1 row affected (0.00 sec)

mysql> select \*from orders;

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

| order\_no | part\_is | s\_id | order\_date |

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

| 1001 | 301 | 102 | 2017-02-03 |

| 1002 | 302 | 103 | 2017-04-10 |

| 1003 | 303 | 104 | 2017-05-11 |

| 1004 | 304 | 102 | 2017-05-11 |

| 1005 | 305 | 101 | 2017-06-11 |

| 1006 | 306 | 103 | 2017-07-11 |

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

6 rows in set (0.02 sec)

mysql> insert into catalog values(301,"fuel pump",3000,12);

Query OK, 1 row affected (0.09 sec)

mysql> insert into catalog values(302,"break liners",1600,10);

Query OK, 1 row affected (0.06 sec)

mysql> insert into catalog values(303,"head lamps",7000,06);

Query OK, 1 row affected (0.01 sec)

mysql> insert into catalog values(304,"gear box",12000,02);

Query OK, 1 row affected (0.08 sec)

mysql> insert into catalog values(305,"ac button",700,25);

Query OK, 1 row affected (0.08 sec)

mysql> insert into catalog values(306,"music system",22000,02);

Query OK, 1 row affected (0.08 sec)

mysql> select \*from catalog;

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

| part\_id | part\_name | cost | available\_stock |

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

| 301 | fuel pump | 3000 | 12 |

| 302 | break liners | 1600 | 10 |

| 303 | head lamps | 7000 | 6 |

| 304 | gear box | 12000 | 2 |

| 305 | ac button | 700 | 25 |

| 306 | music system | 22000 | 2 |

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

6 rows in set (0.07 sec)

mysql> select supplier.s\_id,orders.order\_date from supplier INNER JOIN orders ON supplier.s\_id=orders.s\_id;

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

| s\_id | order\_date |

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

| 102 | 2017-02-03 |

| 103 | 2017-04-10 |

| 104 | 2017-05-11 |

| 102 | 2017-05-11 |

| 101 | 2017-06-11 |

| 103 | 2017-07-11 |

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

6 rows in set (0.08 sec)

mysql> select supplier.s\_id,orders.order\_date from supplier LEFT OUTER JOIN orders ON supplier.s\_id=orders.s\_id;

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

| s\_id | order\_date |

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

| 101 | 2017-06-11 |

| 102 | 2017-02-03 |

| 102 | 2017-05-11 |

| 103 | 2017-04-10 |

| 103 | 2017-07-11 |

| 104 | 2017-05-11 |

| 105 | NULL |

| 106 | NULL |

| 107 | NULL |

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

9 rows in set (0.04 sec)

mysql> select supplier.s\_id,orders.order\_date from supplier RIGHT OUTER JOIN orders ON supplier.s\_id=orders.s\_id;

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

| s\_id | order\_date |

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

| 102 | 2017-02-03 |

| 103 | 2017-04-10 |

| 104 | 2017-05-11 |

| 102 | 2017-05-11 |

| 101 | 2017-06-11 |

| 103 | 2017-07-11 |

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

6 rows in set (0.00 sec)

mysql> select \*from supplier where s\_id=(select s\_id from orders where part\_id=(select part\_id from catalog where part\_name="fuel pump"));

ERROR 1054 (42S22): Unknown column 'part\_id' in 'where clause'

mysql> select \*from supplier where s\_id=(select s\_id from orders where part\_is=(select part\_id from catalog where part\_name="fuel pump"));

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

| s\_id | s\_name | address |

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

| 102 | hitach | pune |

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

1 row in set (0.08 sec)

mysql> select \*from catalog where part\_id IN (select part\_id from orders where order\_date=between "2017-05-01" AND "2017-05-31");

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 'between "2017-05-01" AND "2017-05-31")' at line 1

mysql> select \* from catalog where part\_id IN (select part\_id from orders where order\_date between "2017-05-01" AND "2017-05-31");

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

| part\_id | part\_name | cost | available\_stock |

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

| 301 | fuel pump | 3000 | 12 |

| 302 | break liners | 1600 | 10 |

| 303 | head lamps | 7000 | 6 |

| 304 | gear box | 12000 | 2 |

| 305 | ac button | 700 | 25 |

| 306 | music system | 22000 | 2 |

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

6 rows in set (0.07 sec)

mysql> select part\_type from parts where part\_id NOT IN (select part\_id from orders);

Empty set (0.00 sec)

mysql> select part\_type from parts where part\_id not in (select part\_id from orders);

Empty set (0.00 sec)

mysql> create view order

-> ;

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 'order' at line 1

mysql> create view order\_parts\_details as select \*from parts where part\_id in (select part\_id from orders);

Query OK, 0 rows affected (0.06 sec)

mysql> select \*from Order\_parts

-> -;

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 '-' at line 2

mysql> select \*from orders\_parts\_details;

ERROR 1146 (42S02): Table 'ass4.orders\_parts\_details' doesn't exist

mysql> create view order\_parts\_details as select \*from parts where part\_id in (select part\_id from orders);

ERROR 1050 (42S01): Table 'order\_parts\_details' already exists

mysql> create view order\_parts\_detail as select \*from parts where part\_id in (select part\_id from orders);

Query OK, 0 rows affected (0.08 sec)

mysql> select \*from orders\_parts\_detail;

ERROR 1146 (42S02): Table 'ass4.orders\_parts\_detail' doesn't exist

mysql> create view total\_part\_cost as select part\_name,cost \* available\_stock from catalog;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from total\_part\_cost;

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

| part\_name | cost \* available\_stock |

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

| fuel pump | 36000 |

| break liners | 16000 |

| head lamps | 42000 |

| gear box | 24000 |

| ac button | 17500 |

| music system | 44000 |

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

6 rows in set (0.00 sec)

mysql>