Flipkart

1 customer harish …. 10000000

2 product redmo=i5 ….120000

3 order

SELECT \* FROM student FULL OUTER JOIN departmentON student.s\_id = department.s\_id;

Select \* from student left join department on student.s\_id=department.s\_id union select \*

from student right join department on student.s\_id=department.s\_id;

SELECT \* FROM student where s\_name LIKE “\_a”;

Enter password: \*\*\*\*

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

Your MySQL connection id is 16

Server version: 8.0.29 MySQL Community Server - GPL

Copyright (c) 2000, 2022, 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 databses;

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 'databses' at line 1

mysql> show databases;

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

| Database |

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

| ai |

| aii |

| amazon |

| college |

| flipkart |

| htg |

| information\_schema |

| mysql |

| performance\_schema |

| rammegecollege |

| sakila |

| sipnacollege |

| sys |

| university |

| world |

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

15 rows in set (0.11 sec)

mysql> create database hvpmcollege;

Query OK, 1 row affected (0.04 sec)

mysql> show tables;

ERROR 1046 (3D000): No database selected

mysql> use hvpmcollege;

Database changed

mysql> show tables;

Empty set (0.01 sec)

mysql> create table student(s\_id int not null,s\_name varchar(20) not null,s\_result varchar(20),primary key(s\_id));

Query OK, 0 rows affected (0.13 sec)

mysql> desc student;

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

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

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

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

| s\_name | varchar(20) | NO | | NULL | |

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

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

3 rows in set (0.02 sec)

mysql> insert into student values(101,"harish","pass");

Query OK, 1 row affected (0.01 sec)

mysql> insert into student values(102,"suraj","pass");

Query OK, 1 row affected (0.01 sec)

mysql> insert into student values(103,"nikhil","fail");

Query OK, 1 row affected (0.00 sec)

mysql> insert into student values(104,"sagar","pass");

Query OK, 1 row affected (0.01 sec)

mysql> insert into student values(105,"sharvari","pass");

Query OK, 1 row affected (0.00 sec)

mysql> insert into student values(106,"aasavari","pass");

Query OK, 1 row affected (0.00 sec)

mysql> create table department(d\_id int,d\_name varchar(20),s\_id int);

Query OK, 0 rows affected (0.03 sec)

mysql> insert into department values(10001,"computer",101);

Query OK, 1 row affected (0.01 sec)

mysql> insert into department values(10002,"electroic",103);

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values(10001,"computer",102);

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values(10003,"mechnical",104);

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values(10004,"mba",105);

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values(10004,"mba",106);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from student;

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

| s\_id | s\_name | s\_result |

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

| 101 | harish | pass |

| 102 | suraj | pass |

| 103 | nikhil | fail |

| 104 | sagar | pass |

| 105 | sharvari | pass |

| 106 | aasavari | pass |

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

6 rows in set (0.00 sec)

mysql> select \* from department;

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

| d\_id | d\_name | s\_id |

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

| 10001 | computer | 101 |

| 10002 | electroic | 103 |

| 10001 | computer | 102 |

| 10003 | mechnical | 104 |

| 10004 | mba | 105 |

| 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> Select \* from student inner join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> insert into student values(107,"mihir","paas");

Query OK, 1 row affected (0.00 sec)

mysql> Select \* from student inner join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> insert into student values(108,"shruti","paas");

Query OK, 1 row affected (0.00 sec)

mysql> Select \* from student inner join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> Select \* from student left join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

| 107 | mihir | paas | NULL | NULL | NULL |

| 108 | shruti | paas | NULL | NULL | NULL |

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

8 rows in set (0.00 sec)

mysql> Select \* from student right join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> insert into department(d\_id,d\_name) values(10005,"civil)

"> ;

"> insert into department(d\_id,d\_name) values(10005,"civil)^C

mysql> insert into department(d\_id,d\_name) values(10005,"civil");

Query OK, 1 row affected (0.01 sec)

mysql> select \* from department;

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

| d\_id | d\_name | s\_id |

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

| 10001 | computer | 101 |

| 10002 | electroic | 103 |

| 10001 | computer | 102 |

| 10003 | mechnical | 104 |

| 10004 | mba | 105 |

| 10004 | mba | 106 |

| 10005 | civil | NULL |

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

7 rows in set (0.00 sec)

mysql> Select \* from student right join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

| NULL | NULL | NULL | 10005 | civil | NULL |

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

7 rows in set (0.00 sec)

mysql> insert into department(d\_id,d\_name) values(10006,"inst");

Query OK, 1 row affected (0.01 sec)

mysql> Select \* from student right join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

| NULL | NULL | NULL | 10005 | civil | NULL |

| NULL | NULL | NULL | 10006 | inst | NULL |

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

8 rows in set (0.00 sec)

mysql> Select \* from student left join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

| 107 | mihir | paas | NULL | NULL | NULL |

| 108 | shruti | paas | NULL | NULL | NULL |

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

8 rows in set (0.00 sec)

mysql> Select \* from student inner join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

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

6 rows in set (0.00 sec)

mysql> Select \* from student left join department on student.sid=department.studentid union select \*

-> Select \* from student left join department on student.sid=department.studentid union select \*

-> ;

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 'Select \* from student left join department on student.sid=department.studentid u' at line 2

mysql> SELECT \* FROM student FULL OUTER JOIN department

-> ON student.s\_id = department.s\_id;

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 'OUTER JOIN department

ON student.s\_id = department.s\_id' at line 1

mysql> Select \* from student left join department on student.s\_id=department.s\_id union select \*

-> from student right join department on student.s\_id=department.s\_id;

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

| s\_id | s\_name | s\_result | d\_id | d\_name | s\_id |

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

| 101 | harish | pass | 10001 | computer | 101 |

| 102 | suraj | pass | 10001 | computer | 102 |

| 103 | nikhil | fail | 10002 | electroic | 103 |

| 104 | sagar | pass | 10003 | mechnical | 104 |

| 105 | sharvari | pass | 10004 | mba | 105 |

| 106 | aasavari | pass | 10004 | mba | 106 |

| 107 | mihir | paas | NULL | NULL | NULL |

| 108 | shruti | paas | NULL | NULL | NULL |

| NULL | NULL | NULL | 10005 | civil | NULL |

| NULL | NULL | NULL | 10006 | inst | NULL |

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

10 rows in set (0.01 sec)

mysql> select \* from student;

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

| s\_id | s\_name | s\_result |

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

| 101 | harish | pass |

| 102 | suraj | pass |

| 103 | nikhil | fail |

| 104 | sagar | pass |

| 105 | sharvari | pass |

| 106 | aasavari | pass |

| 107 | mihir | paas |

| 108 | shruti | paas |

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

8 rows in set (0.00 sec)

mysql> SELECT \* FROM student where s\_name LIKE "\_a";

Empty set (0.00 sec)

mysql> SELECT \* FROM student where s\_name LIKE "a%";

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

| s\_id | s\_name | s\_result |

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

| 106 | aasavari | pass |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM student where s\_name LIKE "%i";

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

| s\_id | s\_name | s\_result |

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

| 105 | sharvari | pass |

| 106 | aasavari | pass |

| 108 | shruti | paas |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM student where s\_name LIKE "\_a%";

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

| s\_id | s\_name | s\_result |

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

| 101 | harish | pass |

| 104 | sagar | pass |

| 106 | aasavari | pass |

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

3 rows in set (0.00 sec)

mysql>