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MySQL 8.0 Command Line Cli × + ×
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 'pno int primary key,
pno int primary key' at line 2
ERROR:
No query specified
ERROR:
No query specified
mysql> create table project(
    -> pno int primary key,
-> pname varchar(30) not null,
    -> ploc varchar(30));
Query OK, 0 rows affected (0.02 sec)
mysql> create table assigned_to(
    -> empno decimal(4,0) references emp(empno) on delete cascade on update cascade,
    -> pno int references project(pno) on delete cascade on update cascade,
-> job_role varchar(30),
-> primary key(empno, pno));
Query OK, 0 rows affected (0.02 sec)
mysql> show tables;
  Tables_in_employee |
  assigned_to
 dept
  emp
  incentives
 project
5 rows in set (0.00 sec)
mysql> insert into dept values(10,'ACCOUNTING','MUMBAI');
ERROR 1136 (21501): Column count doesn't match value count at row 1
mysql> DESC dept;
| Field | Type
                           Null | Key | Default | Extra |
  deptno | decimal(2,0) | NO
                                   PRI | NULL
         | varchar(14) | YES
                                         NULL
  dname
2 rows in set (0.00 sec)
mysql> drop table dept;
Query OK, 0 rows affected (0.01 sec)
mysql> show tables;
  Tables_in_employee |
```

















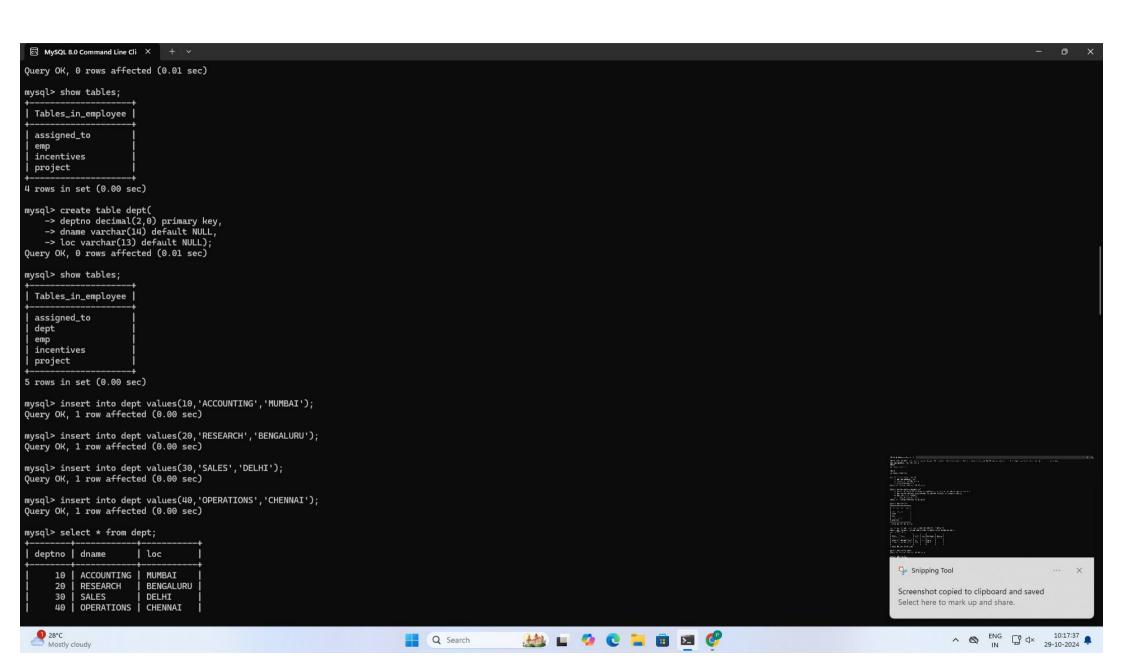


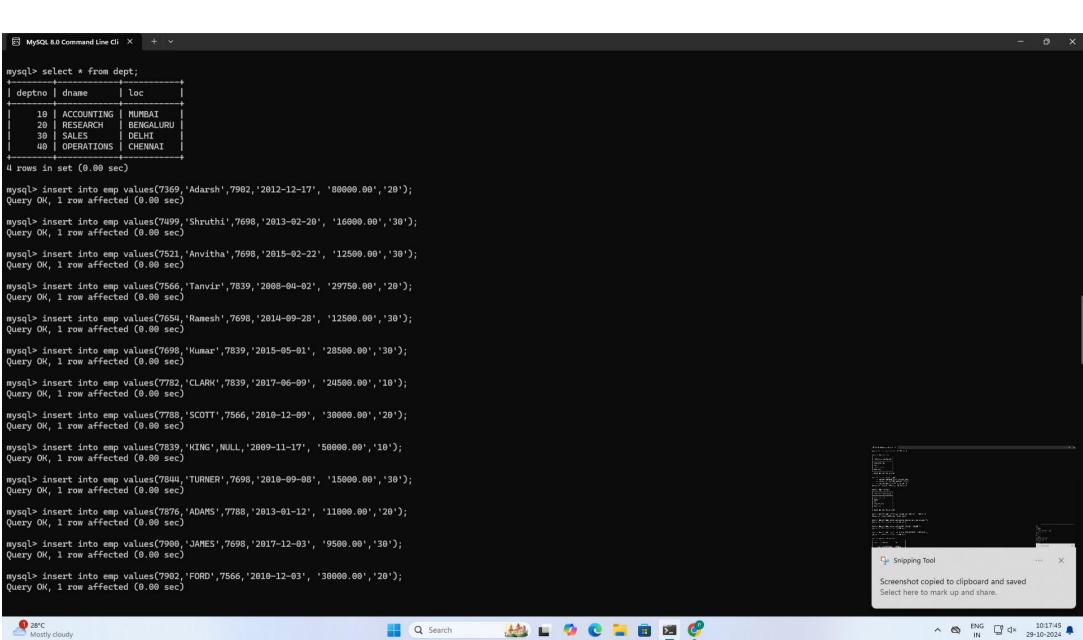




































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MySQL 8.0 Command Line Cli × + v
mysql> insert into emp values(7900,'JAMES',7698,'2017-12-03', '9500.00','30');
Ouery OK, 1 row affected (0.00 sec)
mysql> insert into emp values(7902, 'FORD', 7566, '2010-12-03', '30000.00', '20');
Query OK, 1 row affected (0.00 sec)
mysql> select * from emp;
  empno | ename
                   mar_no | hiredate
                                       | sal
                                                  | deptno |
   7369
          Adarsh
                            2012-12-17
                                         80000.00
                                                        20
                     7902
          Shruthi
                            2013-02-20
                                         16000.00
   7499
                     7698
                                                        30
   7521
          Anvitha
                     7698
                            2015-02-22
                                         12500.00
                                                        30
                            2008-04-02
                                                        20
   7566
          Tanvir
                     7839
                                         29750.00
   7654
          Ramesh
                     7698
                            2014-09-28
                                         12500.00
                                                        30
                                                        30
   7698
          Kumar
                     7839
                            2015-05-01
                                         28500.00
   7782
          CLARK
                     7839
                            2017-06-09
                                         24500.00
                                                        10
   7788
          SCOTT
                     7566
                            2010-12-09
                                         30000.00
                                                        20
   7839
          KING
                     NULL
                            2009-11-17
                                         50000.00
                                                        10
   7844
          TURNER
                     7698
                            2010-09-08
                                         15000.00
                                                        30
          ADAMS
                     7788
                                                        20
   7876
                            2013-01-12
                                         11000.00
   7900
          JAMES
                     7698
                            2017-12-03
                                         9500.00
                                                        30
         FORD
   7902
                     7566 I
                            2010-12-03
                                         30000.00
                                                        20
13 rows in set (0.00 sec)
mysql> update emp set sal='500000.00' where ename = 'KING';
ERROR 1264 (22003): Out of range value for column 'sal' at row 9
mysql> insert into incentives values(7499,'2019-02-01', 5000.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7521,'2019-03-01', 2500.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7566,'2022-02-01', 5070.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7566,'2020-02-01', 2000.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7654,'2022-04-01', 879.00);
Query OK, 1 row affected (0.00 sec)
mysql> update incentives set empno = 7654 where incentive_date = '2020-02-01';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> insert into incentives values(7521,'2019-02-01', 8000.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7698,'2019-03-01', 500.00);
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MySQL 8.0 Command Line Cli × + ×
mysql> insert into incentives values(7654,'2022-04-01', 879.00);
Ouery OK, 1 row affected (0.00 sec)
mysql> update incentives set empno = 7654 where incentive_date = '2020-02-01';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> insert into incentives values(7521,'2019-02-01', 8000.00);
Ouery OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7698, '2019-03-01', 500.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7698,'2020-03-01', 9000.00);
Query OK, 1 row affected (0.00 sec)
mysql> insert into incentives values(7698,'2022-04-01', 4500.00);
Query OK, 1 row affected (0.00 sec)
mysql> select * from incentives;
 empno | incentive_date | incentive_amount |
   7499 | 2019-02-01
                                  5000.00
   7521 | 2019-02-01
                                  8000.00
   7521 | 2019-03-01
                                  2500.00
   7566 I
         2022-02-01
                                  5070.00
   7654
         2020-02-01
                                  2000.00
   7654
         2022-04-01
                                   879.00
   7698
         2019-03-01
                                   500.00
   7698
         2020-03-01
                                  9000.00
   7698 | 2022-04-01
                                  4500.00
9 rows in set (0.00 sec)
mysql> insert into project values(101,'AI Project','BENGALURU');
Query OK, 1 row affected (0.00 sec)
mysql> insert into project values(102,'IOT','HYDERABAD');
Query OK, 1 row affected (0.00 sec)
mysql> insert into project values(104,'BLOCKCHAIM','BENGALURU');
Query OK, 1 row affected (0.00 sec)
mysql> update project set pno = 103 where pname = 'BLOCKCHAIN';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0
mysql> select * from project;
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MySQL 8.0 Command Line Cli × + ×
mysal> select * from project:
  pno | pname
                    ploc
  101 | AI Project | BENGALURU
  102 | IOT
                    HYDERABAD
 104 | BLOCKCHAIM | BENGALURU
3 rows in set (0.00 sec)
mysql> delete from project where pno = 104;
Query OK, 1 row affected (0.00 sec)
mysql> insert into project values(103, 'BLOCKCHAIN', 'BENGALURU');
Query OK, 1 row affected (0.00 sec)
mysgl> insert into project values(104,'DATA SCIENCE','MYSURU');
Query OK, 1 row affected (0.00 sec)
mysql> insert into project values(105, 'AUTONOMUS SYSTEMS', 'PUNE');
Query OK, 1 row affected (0.00 sec)
mysql> selct * from project;
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 'selct * from project' at line 1
mysql> select * from project;
pno pname
                          ploc
 101 | AI Project
                           BENGALURU
                           HYDERABAD
 102 | IOT
 103 | BLOCKCHAIN
                           BENGALURU
 104 | DATA SCIENCE
                           MYSURU
 105 | AUTONOMUS SYSTEMS | PUNE
5 rows in set (0.00 sec)
mysql> insert into assigned_to values(7499,101,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7521,101,'Software Architect');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7566,101,'Project Manager');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7654,102,'Sales');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7521,102,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
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MySQL 8.0 Command Line Cli × + v
mysql> insert into assigned_to values(7499,101,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7521,101,'Software Architect');
Ouery OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7566,101,'Project Manager');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7654,102,'Sales');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7521,102,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysgl> insert into assigned_to values(7499,102,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7654,103,'Cyber Security');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7698,104,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysql> insert into assigned_to values(7900,105,'Software Engineer');
Query OK, 1 row affected (0.00 sec)
mysgl> insert into assigned_to values(7839,104,'General Manager');
Query OK, 1 row affected (0.00 sec)
mysql> select * from assigned_to;
  empno | pno | job_role
                Software Engineer
   7499 I
         101 l
   7499
          102
                Software Engineer
   7521
          101
                Software Architect
   7521
          102
                Software Engineer
   7566
          101
                Project Manager
   7654
          102
                Sales
                Cyber Security
   7654
          103
   7698
                Software Engineer
          104
          104 | General Manager
   7839
          105 | Software Engineer
   7900
10 rows in set (0.00 sec)
                                                                                                                                                                            Snipping Tool
mysql>
                                                                                                                                                                            Screenshot copied to clipboard and saved
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MySQL 8.0 Command Line Cli × + v
mysql> select e.empno
     -> from emp e, assigned_to a, project p
     -> where e.empno = a.empno and a.pno = p.pno
     -> and p.ploc in ('Bengaluru', 'Hyderabad', 'Mysuru');
  empno |
   7499
   7499
   7521
   7521
   7566
   7654
    7654
    7698
    7839
9 rows in set (0.00 sec)
mysql> select empno from emp where wmpno not in (select empno from incentives); ERROR 1054 (42S22): Unknown column 'wmpno' in 'IN/ALL/ANY subquery' mysql> select empno from emp where empno not in (select empno from incentives);
  empno |
   7369
   7782
   7788
   7839
   7844
   7876
   7900
   7902
8 rows in set (0.00 sec)
mysql> select e.ename, e.empno, d.dname, a.job_role, d.dloc, p.ploc
     -> from emp e, dept d, assigned_to a, project p
     -> where e.deptno = d.deptno and e.empno = a.empno and a.pno = p.pno and d.dloc = p.ploc;
            empno | dname
                                 | job_role
                                                       dloc
                                                                     ploc
  ename
  Tanvir | 7566 | RESEARCH | project manager | BENGALURU | BENGALURU |
1 row in set (0.00 sec)
mysql> update emp set sal = 1.5*sal;
ERROR 1264 (22003): Out of range value for column 'sal' at row 1
mysql> update emp set sal = 1.05*sal;
Query OK, 13 rows affected (0.00 sec)
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