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

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

Your MySQL connection id is 24

Server version: 8.0.30 MySQL Community Server - GPL

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owners.

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

mysql> create database data;

Query OK, 1 row affected (0.01 sec)

mysql> use data

Database changed

mysql> create table emp;

ERROR 4028 (HY000): A table must have at least one visible column.

mysql> create table emp(empno int(3),ename varchar(10),department\_no int(3),sal int(7));

Query OK, 0 rows affected, 3 warnings (0.02 sec)

mysql> desc table;

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 1

mysql> desc emp;

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

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

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

| empno | int | YES | | NULL | |

| ename | varchar(10) | YES | | NULL | |

| department\_no | int | YES | | NULL | |

| sal | int | YES | | NULL | |

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

4 rows in set (0.01 sec)

mysql> insert into emp values(1,"sara",567,50000),(2,"arun",568,40000),(3,"kavi",569,55000),(4,"kani",569,20000);

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \* from emp;

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

| empno | ename | department\_no | sal |

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

| 1 | sara | 567 | 50000 |

| 2 | arun | 568 | 40000 |

| 3 | kavi | 569 | 55000 |

| 4 | kani | 569 | 20000 |

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

4 rows in set (0.00 sec)

mysql> select avg(sal);

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

mysql> select avg(sal),COUNT(\*) from emp;

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

| avg(sal) | COUNT(\*) |

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

| 41250.0000 | 4 |

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

1 row in set (0.00 sec)

mysql> select min(sal) from emp;

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

| min(sal) |

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

| 20000 |

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

1 row in set (0.00 sec)

mysql> select max(sal) from emp;

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

| max(sal) |

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

| 55000 |

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

1 row in set (0.00 sec)

mysql> select sum(sal) from emp;

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

| sum(sal) |

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

| 165000 |

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

1 row in set (0.00 sec)

mysql> select count(\*) from emp;

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

| count(\*) |

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

| 4 |

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

1 row in set (0.00 sec)

mysql> select distinct department\_no from emp;

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

| department\_no |

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

| 567 |

| 568 |

| 569 |

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

3 rows in set (0.00 sec)

mysql> select department\_no,count(\*) from emp group by department\_no;

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

| department\_no | count(\*) |

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

| 567 | 1 |

| 568 | 1 |

| 569 | 2 |