Enter password: \*\*\*\*

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

Your MySQL connection id is 8

Server version: 8.0.23 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 moritech;

Query OK, 1 row affected (0.27 sec)

mysql> show databases;

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

| Database |

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

| bfs\_hibdemo |

| bfs\_jdbcdemo |

| binge |

| canteen |

| cgi |

| classboxes |

| classicmodels |

| cms |

| cmsdemo |

| cmshib |

| coursemanagement |

| demo |

| expensetracker |

| hexawaredigital |

| hibinheritance |

| information\_schema |

| jdbcdemo |

| jdbctemplateexample |

| jdbiexample |

| joins |

| learntek |

| lims |

| lmsdemo |

| meanexample |

| mlp173 |

| mlp191 |

| mlp312 |

| moritech |

| mysql |

| mysql\_training |

| onlineecomapp |

| performance\_schema |

| practice |

| profile\_management |

| quinoxx |

| restassured |

| restsample |

| sakila |

| shoppingweb |

| springbootreactapp |

| springbootsecurity |

| sys |

| testdb |

| torris |

| tutorialdemo |

| usermanagement |

| world |

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

47 rows in set (1.27 sec)

mysql> use moritech;

Database changed

mysql> create table student(studentid varchar(20),studentname varchar(100),studentemail varchar(30),

-> studentage int);

Query OK, 0 rows affected (2.21 sec)

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

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

4 rows in set (0.23 sec)

mysql> alter table student add studentdob date;

Query OK, 0 rows affected (2.24 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

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

5 rows in set (0.42 sec)

mysql> drop table student;

Query OK, 0 rows affected (1.84 sec)

mysql> desc student;

ERROR 1146 (42S02): Table 'moritech.student' doesn't exist

mysql> create table student(studentid varchar(20),studentname varchar(100),studentemail varchar(30),

-> studentage int);

Query OK, 0 rows affected (1.64 sec)

mysql> alter table student add studentdob date;

Query OK, 0 rows affected (1.71 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

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

5 rows in set (0.07 sec)

mysql> alter table student add studentjd datetime;

Query OK, 0 rows affected (0.50 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

| studentjd | datetime | YES | | NULL | |

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

6 rows in set (0.00 sec)

mysql> alter table student add studentmarks float;

Query OK, 0 rows affected (0.49 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

| studentjd | datetime | YES | | NULL | |

| studentmarks | float | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> alter table student drop studentmarks;

Query OK, 0 rows affected (2.34 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

| studentjd | datetime | YES | | NULL | |

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

6 rows in set (0.09 sec)

mysql> alter table student add studentmarks float, add studentgrade char(3);

Query OK, 0 rows affected (1.95 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

| studentjd | datetime | YES | | NULL | |

| studentmarks | float | YES | | NULL | |

| studentgrade | char(3) | YES | | NULL | |

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

8 rows in set (2.41 sec)

mysql> alter table student add studentpercentage float after studentmarks float;

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 'float' at line 1

mysql> alter table student add studentpercentage float after studentmarks;

ERROR 1060 (42S21): Duplicate column name 'studentpercentage'

mysql> alter table student add studentnationality varchar first studentage;

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 'first studentage' at line 1

mysql> alter table student add studentnationality varchar(30) first studentage;

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 'studentage' at line 1

mysql> alter table student add studentnationality varchar(30) first;

Query OK, 0 rows affected (2.27 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| studentnationality | varchar(30) | YES | | NULL | |

| studentid | varchar(20) | YES | | NULL | |

| studentname | varchar(100) | YES | | NULL | |

| studentemail | varchar(30) | YES | | NULL | |

| studentage | int | YES | | NULL | |

| studentdob | date | YES | | NULL | |

| studentjd | datetime | YES | | NULL | |

| studentmarks | float | YES | | NULL | |

| studentpercentage | float | YES | | NULL | |

| studentgrade | char(3) | YES | | NULL | |

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

10 rows in set (2.00 sec)

mysql>