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

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

Your MySQL connection id is 20

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 travelling;

Query OK, 1 row affected (0.01 sec)

mysql> use travelling;

Database changed

mysql> create table ticket (ticket\_ni int(9), journey\_date date, age int (4), sex varchar(10),source varchar (10), destination varchar(10), department \_time varchar(10), bus\_no int(10));

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 '\_time varchar(10), bus\_no int(10))' at line 1

mysql> create table ticket (ticket\_ni int(9), journey\_date date, age int(4), sex varchar(10),source varchar(10), destination varchar(10), department \_time varchar(10), bus\_no int(10));

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 '\_time varchar(10), bus\_no int(10))' at line 1

mysql> create table ticket (ticket\_ni int(9), journey\_date date, age int(4), sex varchar(10),source varchar(10), destination varchar(10), dept\_time varchar(10),bus\_no int(10));

Query OK, 0 rows affected, 3 warnings (0.03 sec)

mysql> desc ticket;

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

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

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

| ticket\_ni | int | YES | | NULL | |

| journey\_date | date | YES | | NULL | |

| age | int | YES | | NULL | |

| sex | varchar(10) | YES | | NULL | |

| source | varchar(10) | YES | | NULL | |

| destination | varchar(10) | YES | | NULL | |

| dept\_time | varchar(10) | YES | | NULL | |

| bus\_no | int | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> insert into ticket values(123,"2022-02-10",21,"male","trichy","madurai"),(124,"2022-02-11",50,"female","kanchipuram","chennai"),(125,"2022-02-12",23,"male","tirupathi","nellore");

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into ticket values(123,"2022-02-10",21,"male","trichy","madurai",7,75),(124,"2022-02-11",50,"female","kanchipuram","chennai",6,65),(125,"2022-02-12",23,"male","tirupathi","nellore",5,25);

ERROR 1406 (22001): Data too long for column 'source' at row 2

mysql> insert into ticket values(123,"2022-02-10",21,"male","trichy","madurai",7,75),(124,"2022-02-11",50,"female","china","chennai",6,65),(125,"2022-02-12",23,"male","paris","nellore",5,25);

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from ticket;

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

| ticket\_ni | journey\_date | age | sex | source | destination | dept\_time | bus\_no |

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

| 123 | 2022-02-10 | 21 | male | trichy | madurai | 7 | 75 |

| 124 | 2022-02-11 | 50 | female | china | chennai | 6 | 65 |

| 125 | 2022-02-12 | 23 | male | paris | nellore | 5 | 25 |

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

3 rows in set (0.00 sec)

mysql> select distinct ticket\_ni from ticket;

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

| ticket\_ni |

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

| 123 |

| 124 |

| 125 |

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

3 rows in set (0.01 sec)

mysql> select \* from ticket where sex="male";

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

| ticket\_ni | journey\_date | age | sex | source | destination | dept\_time | bus\_no |

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

| 123 | 2022-02-10 | 21 | male | trichy | madurai | 7 | 75 |

| 125 | 2022-02-12 | 23 | male | paris | nellore | 5 | 25 |

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

2 rows in set (0.01 sec)

mysql> select source,destination from ticket where dept\_time>=5;

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

| source | destination |

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

| trichy | madurai |

| china | chennai |

| paris | nellore |

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

3 rows in set (0.01 sec)

mysql> select source,destination from ticket where dept\_time>5;

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

| source | destination |

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

| trichy | madurai |

| china | chennai |

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

2 rows in set (0.00 sec)

mysql> select ticket\_ni from ticket where destination="chennai";

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

| ticket\_ni |

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

| 124 |

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

1 row in set (0.00 sec)

mysql> desc ticket;

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

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

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

| ticket\_ni | int | YES | | NULL | |

| journey\_date | date | YES | | NULL | |

| age | int | YES | | NULL | |

| sex | varchar(10) | YES | | NULL | |

| source | varchar(10) | YES | | NULL | |

| destination | varchar(10) | YES | | NULL | |

| dept\_time | varchar(10) | YES | | NULL | |

| bus\_no | int | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> select \* from ticket where age>20 and age<40;

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

| ticket\_ni | journey\_date | age | sex | source | destination | dept\_time | bus\_no |

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

| 123 | 2022-02-10 | 21 | male | trichy | madurai | 7 | 75 |

| 125 | 2022-02-12 | 23 | male | paris | nellore | 5 | 25 |

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

2 rows in set (0.00 sec)

mysql> select \* from ticket where source="paris" or source ="china";

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

| ticket\_ni | journey\_date | age | sex | source | destination | dept\_time | bus\_no |

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

| 124 | 2022-02-11 | 50 | female | china | chennai | 6 | 65 |

| 125 | 2022-02-12 | 23 | male | paris | nellore | 5 | 25 |

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

2 rows in set (0.00 sec)

mysql>