1. mysql> create table student\_profile(rollno int(4),name char(50),dob date,department varchar(50),city varchar(40));

Query OK, 0 rows affected, 1 warning (0.04 sec)

mysql> desc student\_profile;

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

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

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

| rollno | int | YES | | NULL | |

| name | char(50) | YES | | NULL | |

| dob | date | YES | | NULL | |

| department | varchar(50) | YES | | NULL | |

| city | varchar(40) | YES | | NULL | |

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

5 rows in set (0.05 sec)

mysql> create table marks(rollno int(5),name varchar(50),mark1 int(3),mark2 int(3));

Query OK, 0 rows affected, 3 warnings (0.01 sec)

mysql> desc marks;

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

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

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

| rollno | int | YES | | NULL | |

| name | varchar(50) | YES | | NULL | |

| mark1 | int | YES | | NULL | |

| mark2 | int | YES | | NULL | |

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

4 rows in set (0.00 sec)

2.

mysql> insert into student\_profile values(1001,"ramkumar","2001-04-03","bsc","puliyampatti");

Query OK, 1 row affected (0.01 sec)

mysql> select \* from student\_profile;

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

| rollno | name | dob | department | city |

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

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti |

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

1 row in set (0.00 sec)

mysql> insert into student\_profile values(1002,"surya","2000-04-26","bca","gudalur");

Query OK, 1 row affected (0.00 sec)

mysql> insert into student\_profile values(1003,"perinbaraj","2000-05-26","bca","ooty");

Query OK, 1 row affected (0.00 sec)

mysql> insert into student\_profile values(1004,"subash","1997-05-6","be-cse","coimbatore");

Query OK, 1 row affected (0.00 sec)

mysql> insert into student\_profile values(1005,"akash","1998-05-6","be","chennai");

Query OK, 1 row affected (0.00 sec)

mysql> select \* from student\_profile;

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

| rollno | name | dob | department | city |

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

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti |

| 1002 | surya | 2000-04-26 | bca | gudalur |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty |

| 1004 | subash | 1997-05-06 | be-cse | coimbatore |

| 1005 | akash | 1998-05-06 | be | chennai |

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

5 rows in set (0.00 sec)

mysql> insert into marks values(1001,"ramkumar","24-03","bsc","puliyampatti");

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

mysql> desc s;

ERROR 1146 (42S02): Table 'moodletask.s' doesn't exist

mysql> desc marks;

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

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

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

| rollno | int | YES | | NULL | |

| name | varchar(50) | YES | | NULL | |

| mark1 | int | YES | | NULL | |

| mark2 | int | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> insert into marks values(2001,"arun",40,50);

Query OK, 1 row affected (0.00 sec)

mysql> insert into marks values(2002,"mani",60,90);

Query OK, 1 row affected (0.00 sec)

mysql> insert into marks values(2003,"surya",70,80);

Query OK, 1 row affected (0.00 sec)

mysql> insert into marks values(2004,"chandru",40,70);

Query OK, 1 row affected (0.00 sec)

mysql> insert into marks values(2005,"gopal",30,60);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 |

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

| 2001 | arun | 40 | 50 |

| 2002 | mani | 60 | 90 |

| 2003 | surya | 70 | 80 |

| 2004 | chandru | 40 | 70 |

| 2005 | gopal | 30 | 60 |

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

5 rows in set (0.00 sec)

3.

mysql> alter table marks add (total int(3));

Query OK, 0 rows affected, 1 warning (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc marks;

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

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

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

| rollno | int | YES | | NULL | |

| name | varchar(50) | YES | | NULL | |

| mark1 | int | YES | | NULL | |

| mark2 | int | YES | | NULL | |

| total | int | YES | | NULL | |

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

5 rows in set (0.00 sec)

4.

mysql> alter table student\_profile change dob dateofbirth date;

Query OK, 0 rows affected (0.13 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student\_profile;

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

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

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

| rollno | int | YES | | NULL | |

| name | char(50) | YES | | NULL | |

| dateofbirth | date | YES | | NULL | |

| department | varchar(50) | YES | | NULL | |

| city | varchar(40) | YES | | NULL | |

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

5 rows in set (0.00 sec)

5.

mysql> desc student\_profile;

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

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

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

| rollno | int | YES | | NULL | |

| name | char(50) | YES | | NULL | |

| dateofbirth | date | YES | | NULL | |

| department | varchar(50) | YES | | NULL | |

| city | varchar(40) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> desc marks;

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

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

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

| rollno | int | YES | | NULL | |

| name | varchar(50) | YES | | NULL | |

| mark1 | int | YES | | NULL | |

| mark2 | int | YES | | NULL | |

| total | int | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql>

6.

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

| Tables\_in\_moodletask |

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

| boat |

| customer |

| employee\_details |

| marks |

| order\_details |

| product\_details |

| sailor |

| sails |

| student\_profile |

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

9 rows in set (0.01 sec)

7.

mysql> update marks set total=mark1+mark2;

Query OK, 5 rows affected (0.00 sec)

Rows matched: 5 Changed: 5 Warnings: 0

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 | total |

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

| 2001 | arun | 40 | 50 | 90 |

| 2002 | mani | 60 | 90 | 150 |

| 2003 | surya | 70 | 80 | 150 |

| 2004 | chandru | 40 | 70 | 110 |

| 2005 | gopal | 30 | 60 | 90 |

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

5 rows in set (0.00 sec)

8.

mysql> delete from student\_profile where rollno=1004;

Query OK, 1 row affected (0.00 sec)

mysql> select \* from student\_profile;

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

| rollno | name | dateofbirth | department | city |

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

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti |

| 1002 | surya | 2000-04-26 | bca | gudalur |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty |

| 1005 | akash | 1998-05-06 | be | chennai |

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

4 rows in set (0.00 sec)

9.

mysql> select \* from student\_profile,marks;

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

| rollno | name | dateofbirth | department | city | rollno | name | mark1 | mark2 | total |

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

| 1005 | akash | 1998-05-06 | be | chennai | 2001 | arun | 40 | 50 | 90 |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty | 2001 | arun | 40 | 50 | 90 |

| 1002 | surya | 2000-04-26 | bca | gudalur | 2001 | arun | 40 | 50 | 90 |

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti | 2001 | arun | 40 | 50 | 90 |

| 1005 | akash | 1998-05-06 | be | chennai | 2002 | mani | 60 | 90 | 150 |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty | 2002 | mani | 60 | 90 | 150 |

| 1002 | surya | 2000-04-26 | bca | gudalur | 2002 | mani | 60 | 90 | 150 |

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti | 2002 | mani | 60 | 90 | 150 |

| 1005 | akash | 1998-05-06 | be | chennai | 2003 | surya | 70 | 80 | 150 |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty | 2003 | surya | 70 | 80 | 150 |

| 1002 | surya | 2000-04-26 | bca | gudalur | 2003 | surya | 70 | 80 | 150 |

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti | 2003 | surya | 70 | 80 | 150 |

| 1005 | akash | 1998-05-06 | be | chennai | 2004 | chandru | 40 | 70 | 110 |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty | 2004 | chandru | 40 | 70 | 110 |

| 1002 | surya | 2000-04-26 | bca | gudalur | 2004 | chandru | 40 | 70 | 110 |

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti | 2004 | chandru | 40 | 70 | 110 |

| 1005 | akash | 1998-05-06 | be | chennai | 2005 | gopal | 30 | 60 | 90 |

| 1003 | perinbaraj | 2000-05-26 | bca | ooty | 2005 | gopal | 30 | 60 | 90 |

| 1002 | surya | 2000-04-26 | bca | gudalur | 2005 | gopal | 30 | 60 | 90 |

| 1001 | ramkumar | 2001-04-03 | bsc | puliyampatti | 2005 | gopal | 30 | 60 | 90 |

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

20 rows in set (0.00 sec)

11.

ht syntax to use near 'and grade int(4)' at line 1

mysql> alter table marks add average int(4) ;

Query OK, 0 rows affected, 1 warning (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> alter table marks add grade int(4) ;

Query OK, 0 rows affected, 1 warning (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 | total | average | grade |

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

| 2001 | arun | 40 | 50 | 90 | NULL | NULL |

| 2002 | mani | 60 | 90 | 150 | NULL | NULL |

| 2003 | surya | 70 | 80 | 150 | NULL | NULL |

| 2004 | chandru | 40 | 70 | 110 | NULL | NULL |

| 2005 | gopal | 30 | 60 | 90 | NULL | NULL |

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

5 rows in set (0.00 sec)

12.

mysql> update marks set average = total/5;

Query OK, 5 rows affected (0.00 sec)

Rows matched: 5 Changed: 5 Warnings: 0

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 | total | average | grade |

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

| 2001 | arun | 40 | 50 | 90 | 18 | NULL |

| 2002 | mani | 60 | 90 | 150 | 30 | NULL |

| 2003 | surya | 70 | 80 | 150 | 30 | NULL |

| 2004 | chandru | 40 | 70 | 110 | 22 | NULL |

| 2005 | gopal | 30 | 60 | 90 | 18 | NULL |

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

5 rows in set (0.00 sec)

13.

mysql> update marks set grade="pass" where mark1>40 and mark2>40;

Query OK, 0 rows affected (0.00 sec)

Rows matched: 2 Changed: 0 Warnings: 0

mysql> update marks set grade="fail" where mark1<40 or mark2<40;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 | total | average | grade |

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

| 2001 | arun | 40 | 50 | 90 | 18 | pass |

| 2002 | mani | 60 | 90 | 150 | 30 | pass |

| 2003 | surya | 70 | 80 | 150 | 30 | pass |

| 2004 | chandru | 40 | 70 | 110 | 22 | pass |

| 2005 | gopal | 30 | 60 | 90 | 18 | fail |

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

5 rows in set (0.00 sec)

14.

mysql> alter table marks drop column average;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from marks;

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

| rollno | name | mark1 | mark2 | total | grade |

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

| 2001 | arun | 40 | 50 | 90 | pass |

| 2002 | mani | 60 | 90 | 150 | pass |

| 2003 | surya | 70 | 80 | 150 | pass |

| 2004 | chandru | 40 | 70 | 110 | pass |

| 2005 | gopal | 30 | 60 | 90 | fail |

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

5 rows in set (0.00 sec)