Microsoft Windows [Version 10.0.22631.3958]

(c) Microsoft Corporation. All rights reserved.

C:\Users\shrva>mysql -u root -p

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

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

Your MySQL connection id is 24

Server version: 8.0.39 MySQL Community Server - GPL

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.

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

mysql> create database Score;

Query OK, 1 row affected (0.02 sec)

mysql> use Score;

Database changed

mysql> create table stud\_marks(name varchar(20),total\_marks int(5));

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

mysql> create table Result(roll\_no int(3) primary key,name varchar(20),class varchar(20));

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

mysql> insert into stud\_marks values('Shravani',995);

Query OK, 1 row affected (0.02 sec)

mysql> insert into stud\_marks values('Sumit',865);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('Dhanshri',945);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('Meghraj',925);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('sakshi',1000);

Query OK, 1 row affected (0.01 sec)

Microsoft Windows [Version 10.0.22631.3958]

(c) Microsoft Corporation. All rights reserved.

C:\Users\shrva>mysql -u root -p

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

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

Your MySQL connection id is 24

Server version: 8.0.39 MySQL Community Server - GPL

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.

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

mysql> create database Score;

Query OK, 1 row affected (0.02 sec)

mysql> use Score;

Database changed

mysql> create table stud\_marks(name varchar(20),total\_marks int(5));

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

mysql> create table Result(roll\_no int(3) primary key,name varchar(20),class varchar(20));

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

mysql> insert into stud\_marks values('Shravani',995);

Query OK, 1 row affected (0.02 sec)

mysql> insert into stud\_marks values('Sumit',865);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('Dhanshri',945);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('Meghraj',925);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('sakshi',1000);

mysql> insert into stud\_marks values('vaibhavi',745);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values('vaishnavi',865);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from stud\_marks;

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

| name | total\_marks |

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

| Shravani | 995 |

| Sumit | 865 |

| Dhanshri | 945 |

| Meghraj | 925 |

| sakshi | 1000 |

| vaibhavi | 745 |

| vaishnavi | 865 |

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

7 rows in set (0.00 sec)

mysql> insert into Result(roll\_no,Name) values(1,'Shravani');

Query OK, 1 row affected (0.02 sec)

mysql> insert into Result(roll\_no,Name) values(2,'Sumit');

Query OK, 1 row affected (0.02 sec)

mysql> insert into Result(roll\_no,Name) values(3,'Dhanshri');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Result(roll\_no,Name) values(4,'Meghraj');

Query OK, 1 row affected (0.01 sec)

mysql> insert into Result(roll\_no,Name) values(5,'sakshi');

Query OK, 1 row affected (0.01 sec)

mysql> select \* from Result;

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

| roll\_no | name | class |

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

| 1 | Shravani | NULL |

| 2 | Sumit | NULL |

| 3 | Dhanshri | NULL |

| 4 | Meghraj | NULL |

| 5 | sakshi | NULL |

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

5 rows in set (0.00 sec)

mysql> delimiter //

mysql> create procedure proc\_Grade(in r int(2),out grade char(25))

-> begin

-> declare m int(4);

-> select total\_marks into m from stud\_marks where name=(select name from Result where roll\_no=r);

-> if m>=990 and m<=1500 then

-> select 'Distinction' into grade;

-> update Result set Class='Distinction' where Roll\_no=r;

-> elseif m>=900 and m<=989 then

-> select 'FirstClass' into grade;

-> update Result set Class='FirstClass' where Roll\_no=r;

-> elseif m>=825 and m<=899 then

-> select 'SecondClass' into grade;

-> update Result set Class='SecondClass' where Roll\_no=r;

-> else

-> select '--' into grade;

-> update Result set Class='--' where Roll\_no=r;

-> end if;

-> end //

Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> delimiter //

mysql> create function func\_Grade(r int(2))

-> returns varchar(25)

-> deterministic

-> begin

-> declare grade varchar(25);

-> call proc\_Grade(r,grade);

-> return grade;

-> end //

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

mysql> select func\_Grade(1); //

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

| func\_Grade(1) |

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

| Distinction |

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

1 row in set (0.02 sec)

mysql> select func\_Grade(2); //

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

| func\_Grade(2) |

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

| SecondClass |

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

1 row in set (0.02 sec)

mysql> select func\_Grade(3); //

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

| func\_Grade(3) |

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

| FirstClass |

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

1 row in set (0.01 sec)

mysql> select func\_Grade(4); //

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

| func\_Grade(4) |

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

| FirstClass |

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

1 row in set (0.01 sec)

mysql> select func\_Grade(5); //

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

| func\_Grade(5) |

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

| Distinction |

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

1 row in set (0.01 sec)

mysql> select \* from Result; //

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

| roll\_no | name | class |

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

| 1 | Shravani | Distinction |

| 2 | Sumit | SecondClass |

| 3 | Dhanshri | FirstClass |

| 4 | Meghraj | FirstClass |

| 5 | sakshi | Distinction |

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

7 rows in set (0.00 sec)

mysql>