**ASSIGNMENT 7**

**Ria Mittal**

**322010**

**T.E. B - B1**

mysql> use student\_marks;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> insert into stud\_marks values(1,"ria", 1000);  
Query OK, 1 row affected (0.04 sec)  
  
mysql> insert into stud\_marks values(2,"rohit", 900);  
Query OK, 1 row affected (0.05 sec)  
  
mysql> insert into stud\_marks values(3,"shashidhar", 1200);  
Query OK, 1 row affected (0.05 sec)  
  
mysql> insert into stud\_marks values(4,"ankita", 900);  
Query OK, 1 row affected (0.05 sec)  
  
mysql> create table results (rollno int primary key,name varchar(30),class varchar(20));  
Query OK, 0 rows affected (0.26 sec)  
  
mysql> delimiter //  
mysql> create procedure gradepro (in marks int,out class char(50))   
 -> begin if marks<=1500 and marks >=990 then set class="Distinction" ;   
 -> end if; if marks<990 and marks >=900 then set class="First Class" ;   
 -> end if; if marks<900 and marks >=825 then set class="Higher Second Class" ;   
 -> end if; if marks<825 and marks>=600 then set class="Second Class" ;   
 -> end if; end;  
 -> //  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> create function findresult (roll\_no int) returns int deterministic  
 -> begin  
 -> declare fmarks int;  
 -> declare grade varchar(50);  
 -> declare s\_name varchar(50);  
 -> select stud\_marks.name,stud\_marks.totalmarks into s\_name,fmarks from stud\_marks where stud\_marks.rollno=roll\_no;  
 -> call gradepro(fmarks,@grade);  
 -> insert into result values(roll\_no,s\_name,@grade);  
 -> return roll\_no;  
 -> end;  
 -> //  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> select findresult(1);  
 -> //  
ERROR 1146 (42S02): Table 'student\_marks.result' doesn't exist  
mysql>   
mysql> create function findresult1 (roll\_no int) returns int deterministic  
 -> begin  
 -> declare fmarks int;  
 -> declare grade varchar(50);  
 -> declare s\_name varchar(50);  
 -> select stud\_marks.name,stud\_marks.totalmarks into s\_name,fmarks from stud\_marks where stud\_marks.rollno=roll\_no;  
 -> call gradepro(fmarks,@grade);  
 -> insert into results values(roll\_no,s\_name,@grade);  
 -> return roll\_no;  
 -> end;  
 -> //  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> select findresult1(1)// +----------------+  
| findresult1(1) |  
+----------------+  
| 1 |  
+----------------+  
1 row in set (0.09 sec)  
  
mysql> select \* from results;  
 -> //  
+--------+------+-------------+  
| rollno | name | class |  
+--------+------+-------------+  
| 1 | ria | Distinction |  
+--------+------+-------------+  
1 row in set (0.00 sec)  
  
mysql> select findresult1(4)//  
+----------------+  
| findresult1(4) |  
+----------------+  
| 4 |  
+----------------+  
1 row in set (0.04 sec)  
  
mysql> select \* from results;  
 -> //  
+--------+--------+-------------+  
| rollno | name | class |  
+--------+--------+-------------+  
| 1 | ria | Distinction |  
| 4 | ankita | First Class |  
+--------+--------+-------------+  
2 rows in set (0.00 sec)

