

Name:-Nisha Assignment:-5 Roll No:-3334
Database Managemnt system Laboratory

MariaDB [(none)]> create database Nisha;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> use Nisha;
Database changed

MariaDB [Nisha]> create table Stud_Marks(roll int primary key,name varchar(20),total_marks int);
Query OK, 0 rows affected (0.174 sec)

MariaDB [Nisha]> create table Result(roll_n int,name varchar(20),class varchar(20));
Query OK, 0 rows affected (0.162 sec)

MariaDB [Nisha]> insert into Stud_Marks
values(1,'Neetu',1000),(2,'Mukesh',950),(3,'Prince',850),(4,'Nitesh',800);
Query OK, 3 rows affected (0.034 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [Nisha]> select * from Stud_Marks;\$

roll	name	total_marks
1	Neetu	1000
2	Mukesh	950
3	Prince	850
4	Nitesh	800

4 rows in set (0.000 sec)

MariaDB [Nisha]> delimiter \$

MariaDB [Nisha]> create procedure proc_grade()

```
-> begin
-> declare done int default false;
-> declare roll int;
-> declare totmarks int;
-> declare class varchar(10);
-> declare name1 varchar(20);
-> declare c1 cursor for select name,total_marks from Stud_Marks;
-> declare continue handler for not found set done=true;
-> open c1;
-> set roll=1;
-> readloop:loop
-> fetch c1 into name1,totmarks;
-> if done then
-> leave readloop;
-> end if;
-> if totmarks<=1500 and totmarks>=990 then
-> insert into Result values(roll,name1,'distinction');
-> elseif totmarks<=989 and totmarks>=900 then
-> insert into Result values(roll,name1,'first_class');
-> elseif totmarks<=899 and totmarks>=825 then
```

```

-> insert into Result values(roll,name1,'Higher_second_class');
-> else
-> insert into Result values(roll,name1,'Poor');
-> end if;
-> set roll=roll+1;
-> end loop;
-> end $

```

Query OK, 0 rows affected (0.039 sec)

MariaDB [Nisha]> call proc_grade();\$

Query OK, 4 rows affected (0.179 sec)

MariaDB [Nisha]> select * from Result;\$

roll_n	name	class
1	Neetu	distinction
2	Mukesh	first_class
3	Prince	Higher_second_class
4	Nitesh	Poor

4 rows in set (0.000 sec)