[root@localhost ~]# systemctl start mysqld;

[root@localhost ~]# mysql;

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

Your MariaDB connection id is 2

Server version: 5.5.43-MariaDB MariaDB Server

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

MariaDB [(none)]> create database error\_hamdling;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use error\_hamdling;

Database changed

MariaDB [error\_hamdling]> create table student(roll\_no int(5) primary key,sname char(10),total\_marks int(5));

Query OK, 0 rows affected (0.09 sec)

MariaDB [error\_hamdling]> insert into student values(2,ankit,825);

Query OK, 1 row affected, 1 warning (0.01 sec)

MariaDB [error\_hamdling]> insert into student values(3,'shashank,1150);

Query OK, 1 row affected, 1 warning (0.02 sec)

MariaDB [error\_hamdling]> insert into student values(4,prajwal',750);

Query OK, 1 row affected, 1 warning (0.02 sec)

MariaDB [error\_hamdling]> delimiter //

MariaDB [error\_hamdling]> desc student;

-> //

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

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

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

| roll\_no | int(5) | NO | PRI | NULL | |

| sname | char(10) | YES | | NULL | |

| total\_marks | int(5) | YES | | NULL | |

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

3 rows in set (0.03 sec)

MariaDB [error\_hamdling]> desc result;

-> //

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

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

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

| roll\_no | int(5) | YES | MUL | NULL | |

| sname | char(10) | YES | | NULL | |

| class | char(10) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [error\_hamdling]> select \* from student;

-> //

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

| roll\_no | sname | total\_marks |

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

| 2 | ankit | 825 |

| 3 | shashank | 1150 |

| 4 | prajwal | 750 |

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

3 rows in set (0.00 sec)

MariaDB [error\_hamdling]> create function find\_grade1(marks int(10)) returns char(15) deterministic

-> begin

-> declare grade char(15);

-> if(marks<=1500 AND marks>=990) then

-> set grade='distinction';

-> elseif(marks>=900 AND marks<=989) then

-> set grade='first class';

-> elseif(marks<=899 AND marks>=825) then

-> set grade='second class';

-> end if;

-> return grade;

-> end

-> //

Query OK, 0 rows affected (0.00 sec)

MariaDB [error\_hamdling]> select find\_grade1(990);

-> //

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

| find\_grade1(990) |

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

| distinction |

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

1 row in set (0.00 sec)

MariaDB [error\_hamdling]> desc result;

-> //

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

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

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

| roll\_no | int(5) | YES | MUL | NULL | |

| sname | char(10) | YES | | NULL | |

| class | char(10) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [error\_hamdling]> create procedure find\_result2( IN rno int(10))

-> begin

->

-> declare tmarks int(10);

-> declare grade char(20);

-> declare student\_name char(20);

-> declare continue handler for 1062

-> select 'The record is already exists in result table' as msg;

-> select student.total\_marks,student.sname into tmarks,student\_name from student where student.roll\_no=rno;

->

-> set grade= find\_grade1(tmarks);

-> insert into result values(rno,student\_name,grade);

-> end

-> //

Query OK, 0 rows affected (0.00 sec)

MariaDB [error\_hamdling]> call find\_result2(2);

-> //

Query OK, 1 row affected, 1 warning (0.03 sec)

MariaDB [error\_hamdling]> select \* from result;

-> //

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

| roll\_no | sname | class |

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

| 2 | ankit | second class |

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

1 row in set (0.00 sec)

MariaDB [error\_hamdling]> call find\_result2(2); //

Query OK, 1 row affected, 1 warning (0.02 sec)

MariaDB [error\_hamdling]> select \* from result; //

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

| roll\_no | sname | class |

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

| 2 | ankit | second class|

| 2 | ankit | second class |

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

2 rows in set (0.00 sec)

MariaDB [error\_hamdling]> desc result; //

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

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

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

| roll\_no | int(5) | YES | MUL | NULL | |

| sname | char(10) | YES | | NULL | |

| class | char(10) | YES | | NULL | |

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

3 rows in set (0.00 sec)

MariaDB [error\_hamdling]> drop table result; //

Query OK, 0 rows affected (0.01 sec)

MariaDB [error\_hamdling]> create table result(roll\_no int(10) primary key,sname char(15),class char(20)); //

Query OK, 0 rows affected (0.05 sec)

MariaDB [error\_hamdling]> call find\_result2(4); //

Query OK, 1 row affected (0.02 sec)

MariaDB [error\_hamdling]> select \* from result; //

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

| roll\_no | sname | class |

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

| 4 | prajwal | second class |

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

1 row in set (0.01 sec)

MariaDB [error\_hamdling]> call find\_result2(3); //

Query OK, 1 row affected (0.02 sec)

MariaDB [error\_hamdling]> select \* from result;//

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

| roll\_no | sname | class |

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

| 2 | ankit | second class |

| 3 | shashank | distinction |

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

2 rows in set (0.00 sec)

MariaDB [error\_hamdling]> call find\_result2(3); //

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

| msg |

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

| The record is already exists in result table |

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

1 row in set (0.01 sec)

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