Database changed

MariaDB [stored\_proc]> delimiter //

MariaDB [stored\_proc]> create procedure m\_p(in r int(3),out grade varchar(20))

-> begin

-> declare m int(4);

-> select marks into m from stud where name=(select name from result where roll\_no=r);

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

-> select 'distinction' into grade;

-> update result set class='distinction' where roll\_no=r;

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

-> select 'first\_class' into grade;

-> update result set class='first\_class' where roll\_no=r;

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

-> select 'higher\_second\_class' into grade;

-> update result set class='higher\_second\_class' where roll\_no=r;

-> else

-> select '--' into grade;

-> update result set class='--' where roll\_no=r;

-> end if;

-> end //

Query OK, 0 rows affected (0.00 sec)

MariaDB [stored\_proc]> delimiter $$

MariaDB [stored\_proc]> create function f\_grade(r int(3))

-> returns varchar(20)

-> begin

-> declare grade varchar(20);

-> call m\_p(r,grade);

-> return grade;

-> end $$

Query OK, 0 rows affected (0.00 sec)

MariaDB [stored\_proc]> select f\_grade(1);

-> $$

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

| f\_grade(1) |

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

| first\_class |

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

1 row in set (0.04 sec)

MariaDB [stored\_proc]> select f\_grade(2);

-> $$

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

| f\_grade(2) |

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

| -- |

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

1 row in set (0.02 sec)

MariaDB [stored\_proc]> select f\_grade(4);

-> $$

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

| f\_grade(4) |

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

| -- |

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

1 row in set (0.02 sec)

MariaDB [stored\_proc]> select \* from result;

-> $$

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

| roll\_no | name | class |

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

| 1 | A | first\_class |

| 2 | B | -- |

| 3 | D | NULL |

| 4 | C | -- |

| 5 | E | NULL |

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

5 rows in set (0.00 sec)

MariaDB [stored\_proc]> select \* from result;

-> //

-> $$

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

| roll\_no | name | class |

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

| 1 | A | first\_class |

| 2 | B | -- |

| 3 | D | NULL |

| 4 | C | -- |

| 5 | E | NULL |

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

5 rows in set (0.00 sec)

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '//' at line 1

MariaDB [stored\_proc]> select \* from stud;

-> $$

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

| name | marks |

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

| A | 900 |

| B | 600 |

| C | 500 |

| D | 700 |

| E | 1000 |

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

5 rows in set (0.00 sec)

MariaDB [stored\_proc]> select f\_grade(5);

-> $$

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

| f\_grade(5) |

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

| distinction |

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

1 row in set (0.03 sec)

MariaDB [stored\_proc]> select \* from result;

-> $$

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

| roll\_no | name | class |

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

| 1 | A | first\_class |

| 2 | B | -- |

| 3 | D | NULL |

| 4 | C | -- |

| 5 | E | distinction |

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

5 rows in set (0.00 sec)