MariaDB [(none)]> select root;

MariaDB [root]> create table student(rollno int(2),course varchar(20), course\_code varchar(20),sem int(2), marks int(10),Percentage int(10));

Query OK, 0 rows affected (0.318 sec)

MariaDB [root]> insert into employee values(01,'MIII',' CO2G,1,900,90);

Query OK, 1 row affected (0.075 sec)

MariaDB [root]> insert into employee values(02,'MIII','CO2G,1,650,65);

Query OK, 1 row affected (0.026 sec)

MariaDB [root]> insert into employee values(03,'MIII',' CO2G ',4,450,85);

Query OK, 1 row affected (0.025 sec)

MariaDB [root]> insert into employee values(04,'MIII', ‘CO2G’,4,650,75);

Query OK, 1 row affected (0.030 sec)

MariaDB [root]> insert into employee values(05,'MIII', ‘CO2G’,2,750,82);

Query OK, 1 row affected (0.039 sec)

MariaDB [root]> insert into employee values(06,'EGG’, ‘CO2G’,6,750,93);

Query OK, 1 row affected (0.031 sec)

MariaDB [root]> insert into employee values(07, 'EGG’, ‘CO2G’,5,550,63);

Query OK, 1 row affected (0.031 sec)

MariaDB [root]> insert into employee values(08, 'EGG’, ‘CO2G’,3,450,44);

Query OK, 1 row affected (0.032 sec)

MariaDB [root]> insert into employee values(09, 'EGG’, ‘CO2G’,3,399,54);

Query OK, 1 row affected (0.032 sec)

MariaDB [root]> select \* from student;

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

| rollno | course | course\_code | Sem | Marks | Percentage |

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

| 1 | MIII | CO2G | 1 | 900 | 90 |

| 2 | MIII | CO2G | 1 | 650 | 65 |

| 3 | MIII | CO2G | 4 | 450 | 85 |

| 4 | MIII | CO2G | 4 | 650 | 75 |

| 5 | MIII | CO2G | 2 | 750 | 82 |

| 6 | EGG | CO2G | 6 | 750 | 93 |

| 7 | EGG | CO2G | 5 | 550 | 63 |

| 8 | EGG | CO2G | 3 | 450 | 44 |

| 9 | EGG | CO2G | 3 | 399 | 54 |

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

9 rows in set (0.000 sec)

MariaDB [root]> Delimiter $

MariaDB [root]> CREATE PROCEDURE GETRANK(IN crc varchar(255))

-> begin

-> declare distinction int default 0;

-> declare firstclass int default 0;

-> declare highersec int default 0;

-> declare sec int default 0;

-> declare pass int default 0;

-> declare per int default 0;

-> DECLARE finished int default 0;

-> declare r cursor for select Percentage from student course=crc;

-> DECLARE CONTINUE HANDLER

-> FOR NOT FOUND SET finished=1;

-> open r;

-> lp:loop

-> FETCH r INTO per;

-> IF finished =1 THEN LEAVE lp;

-> elseif per<100 and per>=80 then set distinction :=distinction+1;

-> elseif per<80 and per>=70 then set firstclass:=firstclass+1;

-> elseif per<70 and per>=60 then set highersec:=highersec+1;

-> elseif per<60 and per>=50 then set sec:=sec+1;

-> elseif per<50 then set pass:=pass+1;

-> end if;

-> END LOOP lp;

-> CLOSE r;

-> SELECT distinction,firstclass,highersec,sec,pass;

-> end;

->$

Query OK, 0 rows affected (0.036 sec)

MariaDB [root]> DELIMITER ;

MariaDB [root]> CALL GETRANK('MIII');

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

| distinction | firstclass | highersec | sec | pass |

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

| 3 | 1 | 1 | 0 | 0 |

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

1 row in set (0.001 sec)

Query OK, 0 rows affected (0.005 sec)

MariaDB [root]> CALL GETRANK('EGG');

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

| distinction | firstclass | highersec | sec | pass |

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

| 1 | 0 | 1 | 1 | 1 |

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

1 row in set (0.000 sec)

Query OK, 0 rows affected (0.004 sec)