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

MariaDB [(none)]> use Nisha;
Database changed
MariaDB [Nisha]> create table borrower(rollin int primary key,name varchar(20),dateofissue
    -> date,nameofbook varchar(20),status varchar(20));
Query OK, 0 rows affected (0.586 sec)

MariaDB [Nisha]> desc borrower;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| rollin      | int(11)     | NO   | PRI | NULL    |       |
| name        | varchar(20) | YES  |     | NULL    |       |
| dateofissue | date        | YES  |     | NULL    |       |
| nameofbook  | varchar(20) | YES  |     | NULL    |       |
| status      | varchar(20) | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
5 rows in set (0.138 sec)

MariaDB [Nisha]> create table fine(rollno int,foreign key(rollno) references borrower(rollin),returndate
    -> date,amount int);
Query OK, 0 rows affected (0.339 sec)

MariaDB [Nisha]> insert into borrower values(1,'Preeti','2022-08-02','SPOS','PEN');
Query OK, 1 row affected (0.048 sec)
MariaDB [Nisha]> insert into borrower values(2,'MONU','2022-09-02','DBMS','PEN');
Query OK, 1 row affected (0.044 sec)

MariaDB [Nisha]> insert into borrower values(3,'NEETU','2022-08-28','CNS','PEN');
Query OK, 1 row affected (0.043 sec)

MariaDB [Nisha]> insert into borrower values(4,'MANJU','2022-09-07','TOC','PEN');
Query OK, 1 row affected (0.043 sec)

MariaDB [Nisha]> insert into borrower values(5,'PRIYA','2022-08-20','HCI','PEN');
Query OK, 1 row affected (0.046 sec)

MariaDB [Nisha]> select * from borrower;
+--------+--------+-------------+------------+--------+
| rollin | name   | dateofissue | nameofbook | status |
+--------+--------+-------------+------------+--------+
|      1 | Preeti | 2022-08-02  | SPOS       | PEN    |
|      2 | MONU   | 2022-09-02  | DBMS       | PEN    |
|      3 | NEETU  | 2022-08-28  | CNS        | PEN    |
|      4 | MANJU  | 2022-09-07  | TOC        | PEN    |
|      5 | PRIYA  | 2022-08-20  | HCI        | PEN    |
+--------+--------+-------------+------------+--------+
5 rows in set (0.033 sec)
MariaDB [Nisha]> delimiter $
MariaDB [Nisha]> create procedure calculate_fine(in roll int)
    -> begin
    -> declare fine1 int;
    -> declare noofdays int;
    -> declare issuedate date;
    -> declare exit handler for SQLEXCEPTION select'create table definition';
    -> select dateofissue into issuedate from borrower where rollin=roll;
    -> select datediff(curdate(),issuedate) into noofdays;
    -> if noofdays>15 and noofdays<=30 then
    -> set fine1=noofdays*5;
    -> insert into fine values(roll,curdate(),fine1);
    -> elseif noofdays>30 then
    -> set fine1=((noofdays-30)*50) + 15*5;
    -> insert into fine values(roll,curdate(),fine1);
    -> else
    -> insert into fine values(roll,curdate(),0);
    -> end if;
    -> update borrower set status='return' where rollin=roll;
```

```
       -> end $
Query OK, 0 rows affected (0.051 sec)

MariaDB [Nisha]> call calculate_fine(1)$
Query OK, 4 rows affected (0.181 sec)

MariaDB [Nisha]> call calculate_fine(2)$
Query OK, 4 rows affected (0.124 sec)

MariaDB [Nisha]> call calculate_fine(3)$
Query OK, 4 rows affected (0.069 sec)

MariaDB [Nisha]> call calculate_fine(4)$
Query OK, 4 rows affected (0.099 sec)

MariaDB [Nisha]> call calculate_fine(5)$
Query OK, 4 rows affected (0.112 sec)

MariaDB [Nisha]> select * from fine $
+--------+------------+--------+
| rollno | returndate | amount |
+--------+------------+--------+
|      1 | 2022-09-12 |    625 |
|      2 | 2022-09-12 |      0 |
|      3 | 2022-09-12 |      0 |
|      4 | 2022-09-12 |      0 |
|      5 | 2022-09-12 |    115 |
+--------+------------+--------+
5 rows in set (0.000 sec)
MariaDB [Nisha]> select * from borrower;
    -> $
+--------+--------+------------+------------+--------+
| rollin | name   | dateofissue | nameofbook | status |
+--------+--------+------------+------------+--------+
|      1 | Preeti | 2022-08-02 | SPOS       | return |
|      2 | MONU   | 2022-09-02 | DBMS       | return |
|      3 | NEETU  | 2022-08-28 | CNS        | return |
|      4 | MANJU  | 2022-09-07 | TOC        | return |
|      5 | PRIYA  | 2022-08-20 | HCI        | return |
+--------+--------+------------+------------+--------+
5 rows in set (0.000 sec)
```