```
mysql> create table borrow
    -> (
    -> rollno integer primary key,
    -> name varchar(20),
    -> DateofIssue date,
    -> NameofBook varchar(20),
    -> Status char(1)
    -> );$
Query OK, 0 rows affected (0.08 sec)

mysql> create table fine
    -> (
    -> rollno integer,
    -> Date date,
    -> amount integer
    -> );$
Query OK, 0 rows affected (0.02 sec)
```

```
+--------+-----------+-------------+---------------+--------+
| rollno | name      | DateofIssue | NameofBook    | Status |
+--------+-----------+-------------+---------------+--------+
|      1 | sahil     | 2022-11-01  | Ansi C        | I      |
|      2 | sakshi    | 2022-10-23  | Pointers in C | I      |
|      3 | rushikesh | 2022-10-22  | Let us C      | I      |
|      4 | devashish | 2022-09-10  | JAVA book     | I      |
+--------+-----------+-------------+---------------+--------+
4 rows in set (0.00 sec)
```

```
mysql> create procedure cal_fine(in rn integer, in name integer)
    -> begin
    -> declare fine_entry integer;
    -> declare total_days integer;
    -> declare issuedate date;
    -> select dateofissue into issuedate from borrow where rollno
    -> select datediff(curdate(),issuedate) into total_days;
    -> if total_days>15 and total_days<=30 then
    -> set fine_entry=total_days*5;
    -> insert into fine values(rn,curdate(),fine_entry);
    -> elseif total_days>30 then
    -> set fine_entry=((total_days-30)*50)+30*5;
    -> insert into fine values(rn,curdate(),fine_entry);
    -> else
    -> insert into fine values(rn,curdate(),0);
    -> end if;
    -> update borrow set status='R' where roll_no=rn;
    -> end;
    -> $
Query OK, 0 rows affected (0.01 sec)
```

```
Query OK, 0 rows affected (0.00 sec)

mysql> call cal_fine(1,'Sahil');
    -> $
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from fine;
    -> $
+--------+------------+--------+
| rollno | Date       | amount |
+--------+------------+--------+
|      1 | 2022-11-13 |      0 |
|      1 | 2022-11-13 |      0 |
|      2 | 2022-11-13 |    105 |
|      3 | 2022-11-13 |    110 |
|      4 | 2022-11-13 |   1850 |
+--------+------------+--------+
5 rows in set (0.00 sec)
```

```
create procedure cal_fine(in rn integer, in name varchar(20))
begin
declare fine_entry integer;
declare total_days integer;
declare issuedate date;
select dateofissue into issuedate from borrow where rollno=rn;
select datediff(curdate(),issuedate) into total_days;
if total_days>15 and total_days<=30 then
        set fine_entry=total_days*5;
        insert into fine values(rn,curdate(),fine_entry);
elseif total_days>30 then
        set fine_entry=((total_days-30)*50)+30*5;
        insert into fine values(rn,curdate(),fine_entry);
else
        insert into fine values(rn,curdate(),0);
end if;
update borrow set status='R' where rollno=rn;
end;
$
```