```
mysql> use dbmsla5;
mysql> create table Borrower(
  -> rollno INT,s
  -> name VARCHAR(20),
  -> DOI Date,
  -> nameOfBook VARCHAR(50),
  -> Status VARCHAR(10));
mysql> desc Borrower;
mysql> create table Fine(
  -> rollno INT,
  -> DOR Date.
  -> amt INT);
mysql> desc Fine;
mysql> insert into Borrower values(1,'Durvesh','2020-09-01','Algorithms','Issued');
Query OK, 1 row affected (0.21 sec)
mysql> insert into Borrower values(2,'Aditi','2020-08-25','Walk Through the Stars','Issued');
Query OK, 1 row affected (0.08 sec)
mysql> insert into Borrower values(3, 'Eesha', '2020-08-27', 'Digital Marketing', 'Issued');
Query OK, 1 row affected (0.08 sec)
mysql> insert into Borrower values(4, 'Atharva', '2020-08-01', 'Python Ultimatum', 'Issued');
Query OK, 1 row affected (0.09 sec)
mysql> insert into Borrower values(5,'Vishwa','2020-07-30','Android Development','Issued');
Query OK, 1 row affected (0.07 sec)
mysql> select * from Borrower;
mysql> select * from Fine;
```

```
mysql> delimiter //
mysql> create procedure CalculateFine(IN rollno Integer, IN bname VARCHAR(50))
  -> begin
  -> declare fine integer;
  -> declare noOfDays integer;
  -> declare issueDate Date;
  -> select DOI into issueDate from Borrower where Borrower.rollno = rollno and
Borrower.nameOfBook = bname;
  -> select datediff(sysdate(), issueDate) into noOfDays;
  -> if noOfDays>=15 and noOfDays<=30 then
  -> set fine = (5*noOfDays);
  -> end if;
  -> if noOfDays>30 then
  -> set fine = (50*noOfDays);
  -> end if;
  -> insert into Fine values(rollno, sysdate(), fine);
  -> update Borrower set Status='Received' where Borrower.rollno = rollno;
  -> end;
  ->//
mysql> show create procedure CalculateFine;
  ->//
mysql> select * from Borrower;
  ->//
mysql> delimiter;
mysql> select * from Fine;
mysql> call CalculateFine(4,'Mechatronics');
mysql> select * from Borrower;
mysql> select * from Fine;
```



