

```
pratik@Ubuntu:~$ sudo mysql
[sudo] password for pratik:
```

```
mysql> show databases;
```

```
+-----+
| Database |
+-----+
| dbms7a   |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
```

```
5 rows in set (0.01 sec)
```

```
mysql> use dbms7a;
```

```
Database changed
```

```
mysql> create table borrower (rollno INT, name VARCHAR(20), issuedate VARCHAR(20),
bookname VARCHAR(20), status VARCHAR(20), PRIMARY KEY(rollno));
```

```
Query OK, 0 rows affected (0.17 sec)
```

```
mysql> create table fine (roll_no INT, date VARCHAR(20), amount INT, PRIMARY
KEY(roll_no));
```

```
Query OK, 0 rows affected (0.26 sec)
```

```
mysql> insert into borrower values (1, "Pratik", "10/09/2023", "DBMS", "issued");
```

```
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into borrower values (8, "Tejas", "25/08/2023", "SPM", "issued");
```

```
Query OK, 1 row affected (0.15 sec)
```

```
mysql> insert into borrower values (24, "Ritesh", "2/09/2023", "TOC", "returned");
```

```
Query OK, 1 row affected (0.07 sec)
```

```
mysql> insert into borrower values (70, "Yash", "30/07/2023", "SPOS", "returned");
```

```
Query OK, 1 row affected (0.16 sec)
```

```
mysql> insert into borrower values (4, "Aditya", "12/08/2023", "CNS", "issued");
```

```
Query OK, 1 row affected (0.10 sec)
```

```
mysql> select * from borrower;
```

```
+-----+-----+-----+-----+-----+
| rollno | name  | issuedate | bookname | status |
+-----+-----+-----+-----+-----+
| 1      | Pratik | 10/09/2023 | DBMS    | issued |
| 4      | Aditya | 12/08/2023 | CNS     | issued |
| 8      | Tejas  | 25/08/2023 | SPM     | issued |
| 24     | Ritesh | 2/09/2023  | TOC     | returned |
| 70     | Yash   | 30/07/2023 | SPOS    | returned |
+-----+-----+-----+-----+-----+
```

```
5 rows in set (0.02 sec)
```

```
mysql> delimiter //
```

```
mysql> create procedure b(roll_new int,bookname varchar(20))
```

```
-> begin
```

```
-> declare X integer;
```

```
-> declare continue handler for not found
```

```
-> begin
```

```
-> select 'NOT FOUND';
```

```

-> end;
-> select datediff(curdate(),issuedate) into X from borrower where
rollno=roll_new;
-> if (X>1&&X<100)
-> then
-> insert into fine values(roll_new,curdate() ,(X*5));
-> end if;
-> if(X>100)
-> then
-> insert into fine values(roll_new,curdate() ,(X*50));
-> end if;
-> update borrower set status='returned' where rollno=roll_new;
-> end;
-> //

```

Query OK, 0 rows affected, 1 warning (0.16 sec)

```
mysql> call b(1,'DBMS');-> //
```

Query OK, 0 rows affected, 1 warning (0.16 sec)

```
mysql> select * from fine;//
```

roll_no	date	amount
1	13/09/2023	100

1 row in set (0.00 sec)

```
mysql> select * from borrower;
```

rollno	name	issuedate	bookname	status
1	Pratik	10/09/2023	DBMS	returned
4	Aditya	12/08/2023	CNS	issued
8	Tejas	25/08/2023	SPM	issued
24	Ritesh	2/09/2023	TOC	returned
70	Yash	30/07/2023	SPOS	returned

5 rows in set (0.00 sec)

```
mysql> call b(4,'CNS');-> //
```

Query OK, 0 rows affected, 1 warning (0.16 sec)

```
mysql> select * from fine;
```

roll_no	date	amount
1	13/09/2023	100
4	15/09/2023	140

3 rows in set (0.00 sec)

```
mysql> select * from borrower;
```

rollno	name	issuedate	bookname	status
1	Pratik	10/09/2023	DBMS	returned
4	Aditya	12/08/2023	CNS	returned
8	Tejas	25/08/2023	SPM	issued
24	Ritesh	2/09/2023	TOC	returned
70	Yash	30/07/2023	SPOS	returned

5 rows in set (0.00 sec)