

**Name:- SHARMA SAGAR GANESH**

**Roll no:- 55**

**Batch:- T4**

### **Group A: Practical No.4**

Unnamed Pl/Sql code block

\*\*\*\*\*

```
mysql> show databases;
```

```
+-----+
| Database                |
+-----+
| information_schema      |
| Grade                   |
| abc                     |
| abcd                     |
| akki                     |
| borrower                 |
| car                      |
| circle                   |
| clg                      |
| collage                  |
| college                  |
| company                  |
| company_employee        |
| computer                 |
| doctor                   |
| employee                 |
| lib1                     |
| mayur                    |
| mysql                    |
| newABC                   |
| newemp                   |
| pbd                      |
| performance_schema      |
| pqr                      |
| shop                     |
| shree_doctor             |
| sndcoe                   |
| sys                      |
| vaibhav                  |
+-----+
```

```
29 rows in set (0.00 sec)
```

```
mysql> use borrower;
```

Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A

Database changed

```
mysql> delimiter //
```

```
mysql> show tables //
+-----+
| Tables_in_borrower |
+-----+
| Fine                |
| borrower            |
+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from borrower //
+-----+-----+-----+-----+-----+
| Roll_no | Name      | Name_of_Book | Status | DOI      |
+-----+-----+-----+-----+-----+
| 1       | Neha      | dbms         | I      | 2021-09-08 |
| 2       | Priya     | oop          | I      | 2021-10-22 |
| 3       | aashish   | spos         | I      | 2021-11-24 |
| 4       | Yashika   | toc          | I      | 2021-10-12 |
| 5       | priyanka  | cns          | I      | 2020-09-08 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
*****
PROCEDURE
```

```
mysql> create procedure cal_Fine(rno int)
-> begin
-> declare Fine int;
-> declare nodays int;
-> declare issuedate date;
-> select DOI into issuedate from borrower where Roll_no=rno;
-> set nodays=datediff(curdate(),issuedate);
-> if nodays>15 and nodays<30 then
-> set Fine=(nodays-15)*5;
-> else if nodays>30 then
-> set Fine=((nodays-15)-(nodays-30))*5+(nodays-30)*50;
-> end if;
-> end if;
-> if Fine>0 then
-> insert into Fine values(rno,curdate(),Fine);
-> end if;
-> update borrower set status='R' where Roll_no=rno;
-> end;
-> //
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> call cal_fine(1)//
Query OK, 1 row affected (0.13 sec)
```

```
mysql> select * from Fine//
```

```

+-----+-----+-----+
| Roll_no | DOB      | amt  |
+-----+-----+-----+
|      1  | 2022-09-23 | 17575 |
+-----+-----+-----+
1. row in set (0.00 sec)

```

```

mysql> call cal_fine(2)//
Query OK, 1 row affected (0.18 sec)

```

```

mysql> select * from Fine//
+-----+-----+-----+
| Roll_no | DOB      | amt  |
+-----+-----+-----+
|      1  | 2022-09-23 | 17575 |
|      2  | 2022-09-23 | 15375 |
+-----+-----+-----+
2. rows in set (0.00 sec)

```

```

mysql> select * from borrower//
+-----+-----+-----+-----+-----+
| Roll_no | Name      | Name_of_Book | Status | DOI      |
+-----+-----+-----+-----+-----+
|      1  | Neha      | dbms          | R      | 2021-09-08 |
|      2  | Priya     | oop           | R      | 2021-10-22 |
|      3  | aashish   | spos          | I      | 2021-11-24 |
|      4  | Yashika   | toc           | I      | 2021-10-12 |
|      5  | priyanka  | cns           | I      | 2020-09-08 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

```

mysql> call cal_fine(3)//
Query OK, 1 row affected (0.11 sec)

```

```

mysql> select * from Fine//
+-----+-----+-----+
| Roll_no | DOB      | amt  |
+-----+-----+-----+
|      1  | 2022-09-23 | 17575 |
|      2  | 2022-09-23 | 15375 |
|      3  | 2022-09-23 | 13725 |
+-----+-----+-----+
3. rows in set (0.00 sec)

```

```

mysql> call cal_fine(4)//
Query OK, 1 row affected (0.16 sec)

```

```

mysql> call cal_fine(5)//
Query OK, 1 row affected (0.11 sec)

```

```

mysql> select * from Fine//
+-----+-----+-----+
| Roll_no | DOB      | amt  |
+-----+-----+-----+

```

	1		2022-09-23		17575	
	2		2022-09-23		15375	
	3		2022-09-23		13725	
	4		2022-09-23		15875	
	5		2022-09-23		35825	

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

5 rows in set (0.00 sec)

mysql> select \* from borrower//

	Roll_no		Name		Name_of_Book		Status		DOI	
	1		Neha		dbms		R		2021-09-08	
	2		Priya		oop		R		2021-10-22	
	3		aashish		spos		R		2021-11-24	
	4		Yashika		toc		R		2021-10-12	
	5		priyanka		cns		R		2020-09-08	

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

5 rows in set (0.00 sec)