Enter password: \*\*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 23

Server version: 9.0.1 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database Moon

-> ;

Query OK, 1 row affected (0.01 sec)

mysql> use Moon;

Database changed

mysql> create table borrower(Roll\_no int,Name varchar(10),dateofissue date,bookname varchar(20),status varchar(20));

Query OK, 0 rows affected (0.04 sec)

mysql> desc borrower;

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

| Field | Type | Null | Key | Default | Extra |

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

| Roll\_no | int | YES | | NULL | |

| Name | varchar(10) | YES | | NULL | |

| dateofissue | date | YES | | NULL | |

| bookname | varchar(20) | YES | | NULL | |

| status | varchar(20) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> insert into borrower values(01,"sumit",'2024-10-15',"DBMS","I");

Query OK, 1 row affected (0.01 sec)

mysql> insert into borrower values(02,"bankar",'2024-10-01',"JAVA","I");

Query OK, 1 row affected (0.00 sec)

mysql> insert into borrower values(03,"nawale",'2024-08-01',"CN","I");

Query OK, 1 row affected (0.00 sec)

mysql> insert into borrower values(04,"yewale",'2024-11-01',"JAVA","I");

Query OK, 1 row affected (0.00 sec)

mysql> insert into borrower values(05, "borkar", '2024-09-15', "ISEE","I");

Query OK, 1 row affected (0.00 sec)

mysql> insert into borrower values(06,"pote",'2024-11-14',"OOPS","I");

Query OK, 1 row affected (0.00 sec)

mysql> select \*from borrower;

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

| Roll\_no | Name | dateofissue | bookname | status |

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

| 1 | sumit | 2024-10-15 | DBMS | I |

| 2 | bankar | 2024-10-01 | JAVA | I |

| 3 | nawale | 2024-08-01 | CN | I |

| 4 | yewale | 2024-11-01 | JAVA | I |

| 5 | borkar | 2024-09-15 | ISEE | I |

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

5 rows in set (0.00 sec)

mysql> create table fine(Roll\_no int, curdate date, fine int);

Query OK, 0 rows affected (0.03 sec)

mysql> delimiter //

mysql> create procedure III3(in rno1 int(3),name1 varchar(30))

-> begin

-> declare i\_date date;

-> declare diff int;

-> declare fine\_amt int;

-> select dateofissue into i\_date from borrower where Roll\_no=rno1 and bookname=name1;

-> select datediff(curdate(),i\_date)into diff;

-> select diff;

-> if(diff>=15 and diff<=30)then

-> set fine\_amt=diff\*5;

-> insert into fine values(rno1,curdate(),fine\_amt);

-> elseif(diff>30)then

-> set fine\_amt=diff\*50;

-> insert into fine values(rno1,curdate(),fine\_amt);

-> end if;

-> update borrower set status="R" where Roll\_no=rno1 and bookname=name1;

-> end //

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> delimiter ;

mysql> call III3(01,"DBMS");

+------+

| diff |

+------+

| 31 |

+------+

1 row in set (0.01 sec)

Query OK, 1 row affected (0.02 sec)

mysql> call III3(02,"JAVA");

+------+

| diff |

+------+

| 45 |

+------+

1 row in set (0.00 sec)

Query OK, 1 row affected (0.01 sec)

mysql> call III3(03,"CN");

+------+

| diff |

+------+

| 106 |

+------+

1 row in set (0.00 sec)

Query OK, 1 row affected (0.01 sec)

mysql> call III3(04,"JAVA");

+------+

| diff |

+------+

| 14 |

+------+

1 row in set (0.00 sec)

Query OK, 1 row affected (0.00 sec)

mysql> call III3(05,"ISEE");

+------+

| diff |

+------+

| 61 |

+------+

1 row in set (0.00 sec)

Query OK, 1 row affected (0.01 sec)

mysql> call III3(06,"OOPS");

+------+

| diff |

+------+

| 1 |

+------+

1 row in set (0.00 sec)

Query OK, 1 row affected (0.00 sec)

mysql> select \* from borrower;

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

| Roll\_no | Name | dateofissue | bookname | status |

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

| 1 | sumit | 2024-10-15 | DBMS | R |

| 2 | bankar | 2024-10-01 | JAVA | R |

| 3 | nawale | 2024-08-01 | CN | R |

| 4 | yewale | 2024-11-01 | JAVA | R |

| 5 | borkar | 2024-09-15 | ISEE | R |

| 6 | pote | 2024-11-14 | OOPS | R |

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

6 rows in set (0.00 sec)

mysql> select \*from fine;

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

| Roll\_no | curdate | fine |

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

| 1 | 2024-11-15 | 1550 |

| 2 | 2024-11-15 | 2250 |

| 3 | 2024-11-15 | 5300 |

| 5 | 2024-11-15 | 3050 |

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

4 rows in set (0.00 sec)