Enter password: \*\*\*

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

Your MySQL connection id is 2

Server version: 5.0.45-community-nt MySQL Community Edition (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> create database libary;

Query OK, 1 row affected (0.00 sec)

mysql> use libary;

Database changed

mysql> create table borrower(rollno int primary key,name varchar(20),date\_of\_issue date,name\_of\_book varchar(20),status varchar(20));

Query OK, 0 rows affected (0.16 sec)

mysql> desc borrower;

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

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

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

| rollno | int(11) | NO | PRI | | |

| name | varchar(20) | YES | | NULL | |

| date\_of\_issue | date | YES | | NULL | |

| name\_of\_book | varchar(20) | YES | | NULL | |

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

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

5 rows in set (0.02 sec)

mysql> create table fine(rollno int,return\_date date, amount int, foreign key(rollno) references borrower(rollno));

Query OK, 0 rows affected (0.09 sec)

that corresponds to your MySQL server version for the right syntax to use near 'decs fine' at line 1

mysql> desc fine;

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

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

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

| rollno | int(11) | YES | MUL | NULL | |

| return\_date | date | YES | | NULL | |

| amount | int(11) | YES | | NULL | |

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

3 rows in set (0.01 sec)

mysql> insert into borrower values(1,'Srushti','2024-07-01','DBMS','I');

Query OK, 1 row affected (0.03 sec)

mysql> insert into borrower values(2,'Sanika','2024-07-16','SPM','I');

Query OK, 1 row affected (0.02 sec)

mysql> insert into borrower values(3,'Prerana','2024-07-10','SPOS','I');

Query OK, 1 row affected (0.01 sec)

mysql> insert into borrower values(4,'Bhagyashri','2024-07-18','TOC','I');

Query OK, 1 row affected (0.03 sec)

mysql> insert into borrower values(5,'Harshu','2024-06-30','CNS','I');

Query OK, 1 row affected (0.02 sec)

mysql> select \* from borrower;

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

| rollno | name | date\_of\_issue | name\_of\_book | status |

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

| 1 | Srushti | 2024-07-01 | DBMS | I |

| 2 | Sanika | 2024-07-16 | SPM | I |

| 3 | Prerana | 2024-07-10 | SPOS | I |

| 4 | Bhagyashri | 2024-07-18 | TOC | I |

| 5 | Harshu | 2024-06-30 | CNS | I |

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

5 rows in set (0.00 sec)

mysql> delimiter $

mysql> create procedure calc\_fine\_lib(in roll int)

-> begin

-> declare fine1 int;

-> declare no\_of\_days int;

-> declare issue\_date date;

-> declare exit handler for SQLEXCEPTION select'create table definition';

-> select date\_of\_issue into issue\_date from borrower where rollno=roll;

-> select datediff(curdate(),issue\_date) into no\_of\_days;

-> if no\_of\_days>15 and no\_of\_days<=30 then

-> set fine1=no\_of\_days\*5;

-> insert into fine values(roll,curdate(),fine1);

-> elseif no\_of\_days>30 then

-> set fine1=((no\_of\_days-30)\*50)+30\*5;

-> insert into fine values(roll,curdate(),fine1);

-> else

-> insert into fine values(roll,curdate(),fine1);

-> end if;

-> update borrower set status='R' where rollno=roll;

-> end $

Query OK, 0 rows affected (0.00 sec)

mysql> call calc\_fine\_lib(1);

-> $;

Query OK, 0 rows affected (0.03 sec)

-> $

ERROR 1065 (42000): Query was empty

mysql> call calc\_fine\_lib(2);

-> $;

Query OK, 0 rows affected (0.02 sec)

-> $

ERROR 1065 (42000): Query was empty

mysql> call calc\_fine\_lib(3);

-> $;

Query OK, 0 rows affected (0.08 sec)

-> $

ERROR 1065 (42000): Query was empty

mysql> call calc\_fine\_lib(4);

-> $;

Query OK, 0 rows affected (0.02 sec)

-> $

ERROR 1065 (42000): Query was empty

mysql> call calc\_fine\_lib(5);

-> $;

Query OK, 0 rows affected (0.03 sec)

-> $

ERROR 1065 (42000): Query was empty

mysql> select \* from fine;

-> $

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

| rollno | return\_date | amount |

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

| 1 | 2024-08-05 | 400 |

| 2 | 2024-08-05 | 100 |

| 3 | 2024-08-05 | 130 |

| 4 | 2024-08-05 | 90 |

| 5 | 2024-08-05 | 450 |

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

5 rows in set (0.00 sec)

mysql> select \* from borrower;

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

| rollno | name | date\_of\_issue | name\_of\_book | status |

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

| 1 | Srushti | 2024-07-01 | DBMS | R |

| 2 | Sanika | 2024-07-16 | SPM | R |

| 3 | Prerana | 2024-07-10 | SPOS | R |

| 4 | Bhagyashri | 2024-07-18 | TOC | R |

| 5 | Harshu | 2024-06-30 | CNS | R |

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

5 rows in set (0.00 sec)