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Select Command Prompt - mysql -u root -p
mysql> create table borrower(rollin int primary key,name varchar(20),dateofissue
-> date,nameofbook varchar(20),status varchar(20));
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> desc borrower;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rollin     | int       | NO   | PRI | NULL    |       |
| name       | varchar(20) | YES  |     | NULL    |       |
| dateofissue | date      | YES  |     | NULL    |       |
| nameofbook | varchar(20) | YES  |     | NULL    |       |
| status     | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

mysql> create table fine(rollno int,foreign key(rollno) references borrower(rolli
n),returndate
-> date,amount int);
Query OK, 0 rows affected (0.05 sec)

mysql> desc fine;
+-----+-----+-----+-----+-----+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rollno     | int  | YES  | MUL | NULL    |       |
| returndate | date | YES  |     | NULL    |       |
| amount     | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> insert into borrower values(1,'abc','2017-08-01','SEPM','PEN');
Query OK, 1 row affected (0.01 sec)

mysql> insert into borrower values(2,'xyz','2017-07-01','DBMS','PEN');
Query OK, 1 row affected (0.01 sec)

mysql> insert into borrower values(3,'pqr','2017-08-15','DBMS','PEN');
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mysql> insert into borrower values(3,'pqr','2017-08-15','DBMS','PEN');
Query OK, 1 row affected (0.01 sec)

mysql> delimiter;
ERROR:
DELIMITER must be followed by a 'delimiter' character or string
mysql> delimiter $
mysql> create procedure calc_fine_lib6(in roll int)
-> begin
-> declare fine1 int;
-> declare noofdays int;
-> declare issuedate date;
-> declare exit handler for SQLEXCEPTION select'create table definition';
-> select dateofissue into issuedate from borrower where rollin=roll;
-> select datediff(curdate(),issuedate) into noofdays;
-> if noofdays>15 and noofdays<=30 then
-> set fine1=noofdays*5;
-> insert into fine values(roll,curdate(),fine1);
-> elseif noofdays>30 then
-> set fine1=((noofdays-30)*50) + 15*5;
-> insert into fine values(roll,curdate(),fine1);
-> else
-> insert into fine values(roll,curdate(),0);
-> end if;
-> update borrower set status='return' where rollin=roll;
-> end $
Query OK, 0 rows affected (0.03 sec)

mysql> call calc_fine_lib6(1)$
Query OK, 1 row affected (0.02 sec)

mysql> call calc_fine_lib6(2)$
Query OK, 1 row affected (0.01 sec)

mysql> call calc_fine_lib6(3)$
Query OK, 1 row affected (0.01 sec)

mysql> select * from fine;
```

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mysql> select * from fine;
-> $
+-----+-----+-----+
| rollno | returndate | amount |
+-----+-----+-----+
|      1 | 2021-11-01 | 76225 |
|      2 | 2021-11-01 | 77775 |
|      3 | 2021-11-01 | 75525 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> drop table fine$
Query OK, 0 rows affected (0.04 sec)

mysql> call calc_fine_lib6(1)$
+-----+-----+-----+
| create table definition |
+-----+-----+-----+
| create table definition |
+-----+-----+-----+
1 row in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)

mysql> create table fine(rollno int,foreign key(rollno) references borrower(rolli
n),returndate
-> date,amount int)$
Query OK, 0 rows affected (0.05 sec)

mysql> call calc_fine_lib6(1)$
Query OK, 0 rows affected (0.01 sec)

mysql> select * from fine$
+-----+-----+-----+
| rollno | returndate | amount |
+-----+-----+-----+
|      1 | 2021-11-01 | 76225 |
+-----+-----+-----+
1 row in set (0.00 sec)
```