

This PC  
Kaspersky  
VPN  
Desktop  
employee....  
logs.log

OIBSIP\_Tas...  
OIBSIP\_Tas...  
OIBSIP\_Tas...  
Task\_3

Network  
Microsoft  
Edge  
Bandicam  
TeamV

Recycle Bin  
VLC media  
player  
Task\_3 Atm  
Interface.rar  
New Docu...

Internet  
Downlo...  
Eclipse IDE  
for Enterpri...  
Task\_2  
Number\_G...

Brave  
Madhav -  
Chrome  
Photograp...

Google  
Chrome  
smtp.txt  
SendMailW...

Kaspersky  
Total Security  
Telegram  
Cisco Packet  
Tracer  
Wondershare  
EdrawMax

Command Prompt - mysql -uroot -p

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

```
mysql> create database library;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use library;  
Database changed
```

```
mysql> create table borrower(rollno int primary key,name varchar(20),dateofissue date,nameofbook  
-> varchar(20),status varchar(20));  
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> create table fine(rollno int,foreign key(rollno) references borrower(rollno),returndate date,  
abc -> amount int);  
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> insert into borrower values(1,'Madhav','2022-09-01','SEPM','I');  
Query OK, 1 row affected (0.04 sec)
```

```
DBmysql> insert into borrower values(2,'Guru','2022-08-25','OOP','I');  
Query OK, 1 row affected (0.00 sec)
```

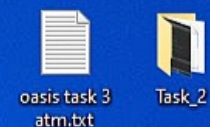
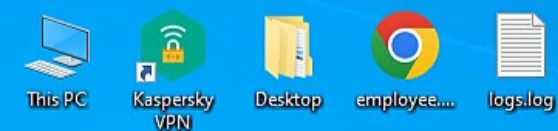
```
mysql> insert into borrower values(3,'Nandu','2022-08-10','DBMS','I');  
Query OK, 1 row affected (0.04 sec)
```

```
DBmysql> insert into borrower values(4,'Ishant','2022-09-15','CNS','I');  
LATQuery OK, 1 row affected (0.04 sec)
```

```
mysql> insert into borrower values(5,'Ganesh','2022-09-16','TOC','I');  
Query OK, 1 row affected (0.04 sec)
```

Type here to search

7:18 PM  
9/18/2022



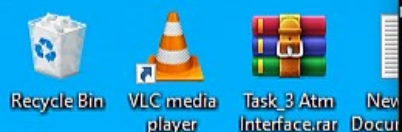
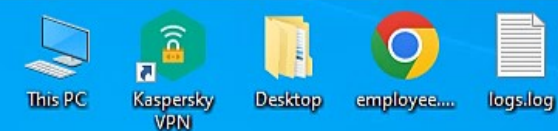
```
Command Prompt - mysql -uroot -p
mysql> insert into borrower values(4,'Ishant','2022-09-15','CNS','I');
Query OK, 1 row affected (0.04 sec)

mysql> insert into borrower values(5,'Ganesh','2022-09-16','TOC','I');
Query OK, 1 row affected (0.04 sec)

mysql> select * from borrower;
+-----+-----+-----+-----+-----+
| rollno | name  | dateofissue | nameofbook | status |
+-----+-----+-----+-----+-----+
| 1      | Madhav | 2022-09-01  | SEPM      | I      |
| 2      | Guru  | 2022-08-25  | OOP       | I      |
| 3      | Nandu | 2022-08-10  | DBMS      | I      |
| 4      | Ishant | 2022-09-15  | CNS       | I      |
| 5      | Ganesh | 2022-09-16  | TOC       | I      |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> delimiter $
mysql> create procedure calc_fine_lib(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 rollno=roll;
-> select datediff(curdate(),issuedate) into noofdays;
```

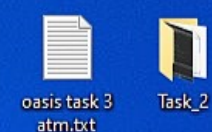


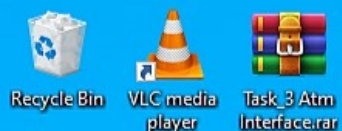
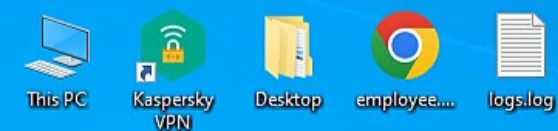


```
Command Prompt - mysql -uroot -p
+-----+
5 rows in set (0.00 sec)

mysql> delimiter $
mysql> create procedure calc_fine_lib(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 rollno=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) + 30*5;
-> insert into fine values(roll,curdate(),fine1);
-> else
-> insert into fine values(roll,curdate(),0);
-> end if;
-> update borrower set status='R' where rollno=roll;
-> end $
Query OK, 0 rows affected (0.06 sec)

mysql> delimiter ;
mysql> call calc_fine_lib(1);
```





```
Command Prompt - mysql -uroot -p

mysql> delimiter ;
mysql> call calc_fine_lib(1);
Query OK, 1 row affected (0.05 sec)

mysql> call calc_fine_lib(2);
Query OK, 1 row affected (0.04 sec)

mysql> call calc_fine_lib(3);
Query OK, 1 row affected (0.04 sec)

mysql> call calc_fine_lib(4);
Query OK, 1 row affected (0.04 sec)

mysql> call calc_fine_lib(5);
Query OK, 1 row affected (0.04 sec)

mysql> select * from fine;
+-----+-----+-----+
| rollno | returndate | amount |
+-----+-----+-----+
| 1 | 2022-09-18 | 85 |
| 2 | 2022-09-18 | 120 |
| 3 | 2022-09-18 | 600 |
| 4 | 2022-09-18 | 0 |
| 5 | 2022-09-18 | 0 |
+-----+-----+-----+
```

