1.Check availability of books

create procedure chk\_avail2(in bname varchar(20), out msg varchar(20), out bcount int)

begin

select no\_of\_copies into bcount from book\_master where name = bname;

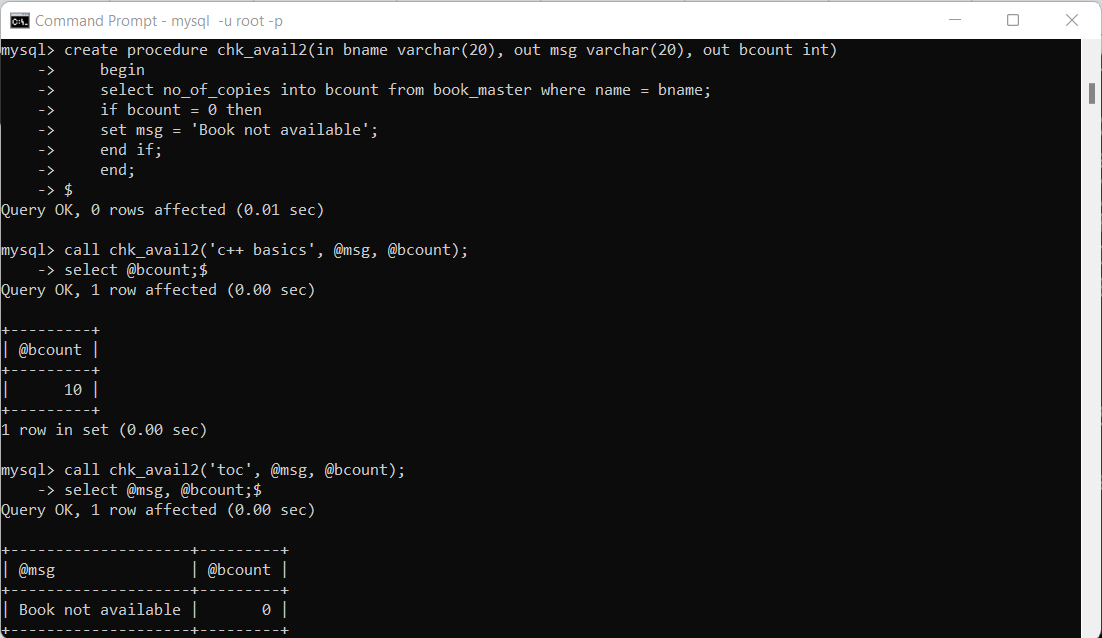
if bcount = 0 then

set msg = 'Book not available';

end if;

end;

$



2. Fine

create function calc\_fine\_amount(b\_id int, s1\_id int)

returns int

DETERMINISTIC

begin

declare f\_amt int;

declare days int;

declare i\_date, r\_date date;

select issue\_date, returned\_date into i\_date, r\_date from transaction where

book\_id=b\_id and s\_id=s1\_id;

select(r\_date-i\_date) into days from transaction where book\_id=b\_id and s\_id=s1\_id;

if days>15 then

set f\_amt:=(days-15)\*10;

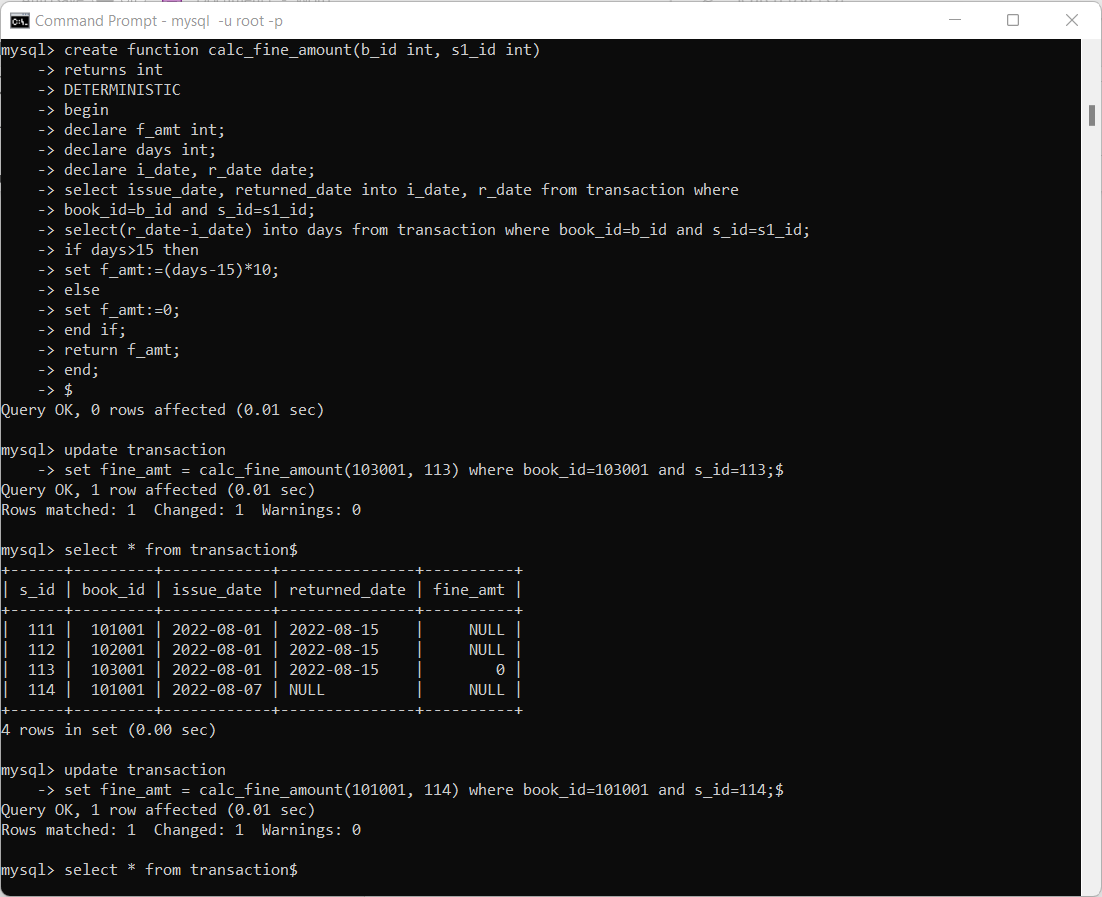
else

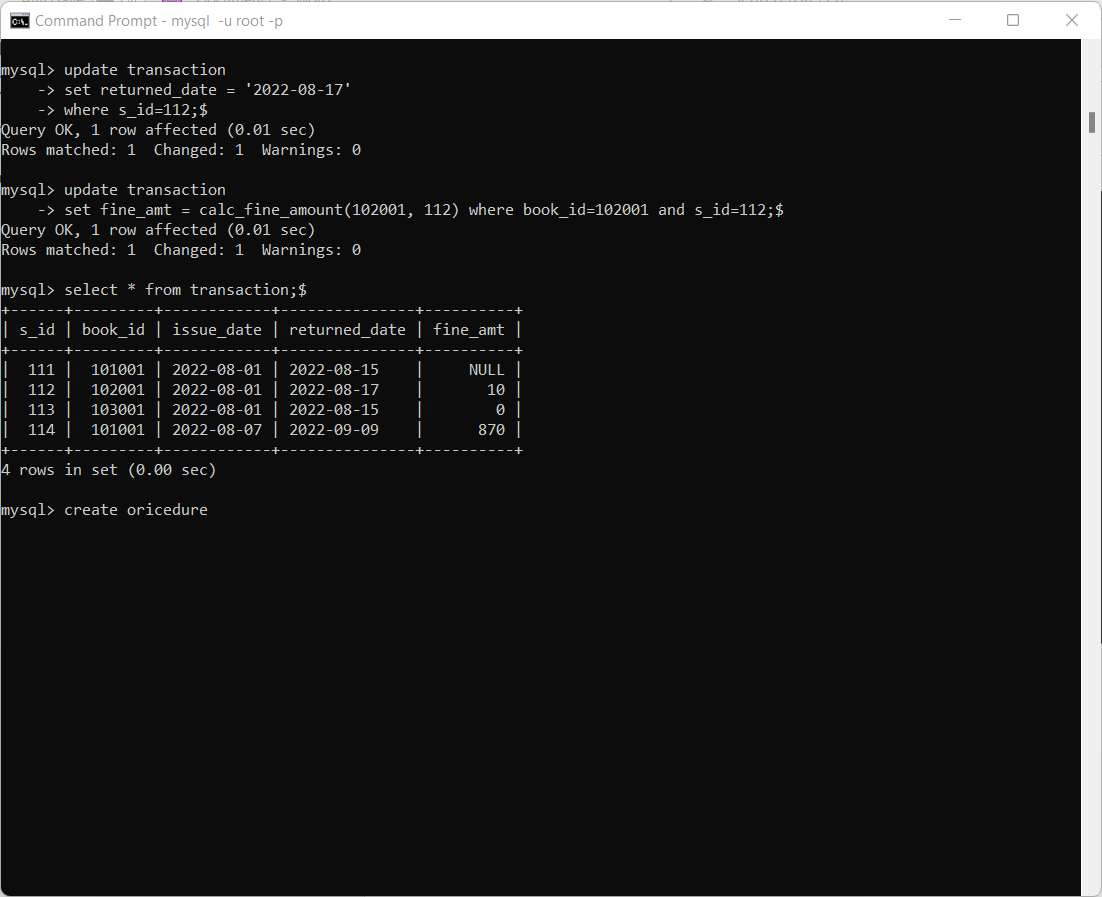
set f\_amt:=0;

end if;

return f\_amt;

end;





3. students not accessed library

Create procedure nul\_student\_list1(out n varchar(400))

Begin

Declare name\_n varchar(20);

Declare done int default 0;

Declare c2 cursor for select name from student where s\_id not in (select s\_id from transaction);

Declare continue handler for not found set done=1;

Set n=” ”;

Open c2;

Myloop:loop

Fetch c2 into name\_n;

Select name\_n;

If done=1 then

Leave myloop;

End if;

Set n=concat(n,” ”,name\_n);

Select n;

End loop myloop;

Close c2;

End;

