1) CREATE DEFINER=`root`@`localhost` PROCEDURE `date\_proc`(month1 varchar(3), year1 int)

BEGIN

select orderNumber,orderDate,status

from orders

where year(orderdate)=year1

and left(monthname(orderdate),3)=month1;

END

Or

CREATE DEFINER=`root`@`localhost` PROCEDURE `date\_proc`(month1 int, year1 int)

BEGIN

select orderNumber,orderDate,status

from orders

where year(orderdate)=year1

and month(orderdate)=month1;

END

2) CREATE DEFINER=`root`@`localhost` PROCEDURE `cancellation\_proc`()

BEGIN

create table if not exists cancellations

(

fieldid int PRIMARY KEY auto\_increment,

customernumber int,

foreign key(customernumber) references

customers(customernumber),

ordernumber int,

foreign key(ordernumber) references

orders(ordernumber)

);

insert into cancellations(ordernumber, customernumber)

select ordernumber, customernumber from orders

where status = 'Cancelled';

END

3)a. CREATE DEFINER=`root`@`localhost` FUNCTION `GetStatus`(customerno integer) RETURNS varchar(50) CHARSET utf8mb4

DETERMINISTIC

BEGIN

declare lcl\_amount decimal(10,2);

select sum(amount) into lcl\_amount from payments where customernumber = customerno group by customernumber;

if lcl\_amount < 25000 then

return 'Silver';

elseif (lcl\_amount > 25000 and lcl\_amount < 50000) then

return 'Gold';

elseif lcl\_amount > 50000 then

return 'Platinum';

end if;

END

3)b.) Select customernumber as 'CustomerId', customername as 'CustomerName',

GetStatus(customernumber) as 'Purchase\_Status' from Customers;

4) CREATE DEFINER=`root`@`localhost` PROCEDURE `UpdateCreditLimitByPurchaseStatus`()

BEGIN

declare lcl\_crdlimit varchar(50);

declare lcl\_customerno int;

declare lcl\_purstatus varchar(10);

declare excep\_raised integer default 0;

declare crdlimit\_cur cursor for

select customernumber,creditlimit from customers;

open crdlimit\_cur;

customerloop: Loop

fetch crdlimit\_cur into lcl\_customerno,lcl\_crdlimit;

set lcl\_purstatus = GetStatus(lcl\_customerno);

if lcl\_purstatus = 'Platinum' and lcl\_crdlimit < 100000 then

update customers set creditlimit=100000 where customernumber=lcl\_customerno;

set excep\_raised = 1;

leave customerloop;

elseif lcl\_purstatus = 'Silver' and lcl\_crdlimit > 60000 then

update customers set creditlimit=60000 where customernumber=lcl\_customerno;

set excep\_raised = 1;

leave customerloop;

End If;

end loop customerloop;

END

5) AFTER UPDATE ON `movies2` FOR EACH ROW

BEGIN

insert into MOVIES2(FIRST\_name,last\_name)

select FIRST\_name,last\_name from rentals;

END