**MySQL Programs(Trigger )**

1. Write a Before Insert trigger on Ord\_dtl. Anytime a row is inserted in Ord\_dtl, the

Booked\_qty in Prod\_master should be increased accordingly.

delimiter $$

create trigger my\_trig\_1 before insert on ord\_dtl for each row

begin

update prod\_master set booked\_qty = booked\_qty+ new.Qty where prod\_cd = new.prod\_cd ;

end $$

insert into ord\_dtl values(1,'P1',100);

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2. Write a Before Delete trigger on Ord\_dtl. Anytime a row is deleted from Ord\_dtl, the

Booked\_qty in Prod\_mastershould be decreased accordingly.

delimiter $$

create trigger my\_trig\_2 before delete on ord\_dtl for each row

begin

update prod\_master set booked\_qty = booked\_qty - old.Qty where prod\_cd = old.prod\_cd;

end $$

delete from ord\_dtl where prod\_cd='P2';

create table emp (empno int, empname varchar(20), dept\_no int, sal int);

insert into emp values (1,'Ashwini',1,10000);

insert into emp values (2,'Vikash',2,40000);

insert into emp values (3,'Gaurav',3,100000);

select \* from emp;

select \* from dept\_sal;

Create table dept\_sal (dept\_no int, tota\_salary int);

insert into dept\_sal values(1,50000);

insert into dept\_sal values(2,100000);

insert into dept\_sal values(3,40000);

delimiter $$

create trigger my\_trig\_3 before insert on emp for each row

begin

update dept\_sal set tota\_salary = tota\_salary + new.sal where dept\_no = new.dept\_no;

end $$

insert into emp values(4,'Ashwini',4,80000);

insert into emp values(5,'Heena',2,50000);

insert into emp values (6,'Baraskar',1,20000);

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3. write A trigger to update the total salary of a department in dept\_sal table when an employee is added or removed from emp table .

Create table dept\_sal (dept\_no, tota\_salary) – this table contains the total of salaries of employees working into that particular department

delimiter $$

create trigger my\_trig\_3a before delete on emp for each row

begin

update dept\_sal set tota\_salary = tota\_salary - old.sal where dept\_no = old.dept\_no;

end $$

delete from emp where dept\_no=3;

delete from emp where dept\_no=1;