create table member\_triggers (Mem\_SSN int, trigger\_lists varchar(80));

select \* from member\_triggers;

**Trigger 1: (To notify the membership renewal)**

delimiter #

 DROP TRIGGER if exists renew\_membership\_on\_insert #

CREATE TRIGGER renew\_membership\_on\_insert

 BEFORE INSERT

 ON Members

 FOR EACH ROW

 BEGIN

IF (NEW.Card\_Notice\_date  >= DATE\_SUB(NEW.Card\_Notice\_date, INTERVAL 1 MONTH)) THEN

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'Please Renew your Membership as it is about to expire');

ELSE

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'You have time for your membership renewal...');

END IF;

 END#

 DROP TRIGGER if exists renew\_membership\_on\_update #

CREATE TRIGGER renew\_membership\_on\_update

 BEFORE UPDATE

 ON Members

 FOR EACH ROW

 BEGIN

IF (NEW.Card\_Notice\_date  >= DATE\_SUB(NEW.Card\_Notice\_date, INTERVAL 1 MONTH)) THEN

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'Please Renew your Membership as it is about to expire');

ELSE

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'You have time for your membership renewal...');

END IF;

 END#

 delimiter ;

Trigger 2: (To notify about the overdue books)

delimiter #

 DROP TRIGGER if exists overdue\_book\_on\_insert #

CREATE TRIGGER overdue\_book\_on\_insert

 BEFORE INSERT

 ON borrows

 FOR EACH ROW

 BEGIN

IF (NEW.b\_return\_date  >= DATE\_ADD(NEW.b\_return\_date, INTERVAL 1 DAY)) THEN

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'Borrowed book is OVERDUE...');

END IF;

 END#

 DROP TRIGGER if exists overdue\_book\_on\_update #

CREATE TRIGGER overdue\_book\_on\_update

 BEFORE UPDATE

 ON borrows

 FOR EACH ROW

 BEGIN

IF (NEW.book\_issue\_date  >= DATE\_ADD(NEW.b\_return\_date, INTERVAL 1 DAY)) THEN

            INSERT INTO member\_triggers (Mem\_SSN, trigger\_lists) values (NEW.SSN, 'Borrowed book is OVERDUE...');

END IF;

 END#

 delimiter ;