```
use library;
#Q1
create table books(
        book_id int primary key,
   title VARCHAR(45),
   author VARCHAR(45),
   publication_year INT,
   price DECIMAL(10,0)
   );
select * from books;
#insert value into the table
insert into books(book_id,title,author,publication_year,price)
values(101,'The story of my life','Hellen Killer',2001,100),(102,'Gullivers Travells','XYZ',2002,150),
(103,'Chanakyaniti','Chanakya',1700,200);


select title from books where book_id = 102;


#change the information of specific book
update books
set title = 'the new world',
author = 'XYZ',
publication_year = 1798,
 price = 300
 where book_id = 103;


#delete book record
delete from books where book_id=103;
```

```sql
#Q2

select * from employees;

CREATE TABLE employees(

        emp_id int primary key,

    emp_name varchar(50) not null,

    emp_salary decimal(10,2),

    emp_department varchar(50),

    emp_join_date date

        );

 #Insert

delimiter //

create trigger insert_employee_trigger

before insert on employees

for each row

begin

    set new.emp_join_date = curdate();

end //

delimiter ;


insert into employees(emp_id,emp_name,emp_salary,emp_department)

values(101,'Devashish',50000.50,'IT');


insert into employees(emp_id,emp_name,emp_salary,emp_department)

values(102,'Kshitij',40000.50,'IT'),(103,'Ashwin',30000.50,'Finance'),(104,'Pranav',30000.50,'HR'),(106
,'Shubham',30000.50,'Technical');


#update

delimiter //

create trigger update_employee_trigger

before insert on employees

for each row
```

```sql
begin
        if emp_salary = new.emp_salary then
    set new.emp_join_date = curdate();
    end if;
end //
delimiter ;


update employees set emp_id = 105
where emp_id = 106;


#delete
delimiter //
create trigger delete_employee_trigger
before delete on employees
for each row
begin
        insert into delete_employee_log
(emp_id,emp_name,emp_salary,emp_department,emp_join_date,date_of_deletation)
    values
(old.emp_id,old.emp_name,old.emp_salary,old.emp_department,old.emp_join_date,curdate());
end //
delimiter ;


create table delete_employee_log(
        emp_id int primary key,
    emp_name varchar(50) not null,
    emp_salary decimal(10,2),
    emp_department varchar(50),
    emp_join_date date,
    date_of_deletation date
    );
delete from employees where emp_id = 104;
```

```
select * from delete_employee_log;

select * from employees;
```