Q.1)

```sql
use assignment4;
create table student
(
    id varchar(50),
    name varchar(50),
    department varchar(50),
    roll varchar(50)

);
create table library
(
    bookid varchar(50),
    bookname varchar(50),
    author varchar(50),
    hired bool,
    who_hired varchar(50)
);
create table fees
(
    studentid varchar(50),
    semester int,
    payment bool
);
```

Q.2)

```sql
create table student
(
    id varchar(50) primary key,
    name varchar(50) not null,
    department varchar(50) not null,
    roll varchar(50) not null

);
create table library
(

    bookid varchar(50) primary key,
    bookname varchar(50) not null,
    author varchar(50) not null,
    hired bool,
    who_hired varchar(50)
```

```
);
create table fees
(
    studentid varchar(50) primary key,
    semester int not null,
    payment bool not null
);
```

Q.3)

Definition :-
Data - It refers to the raw values like a number,text ect.
Information - it refers to the organized structure of the data itself.

Example :-
Data - this is a collection of data "20, 50,F,Z" ect.
Information - "50°F" Organized data which tells about the temperature.

Q.4)

SET SQL_SAFE_UPDATES = 1;
This is the code to enable the update and delete query.

Q.5)

5. select distinct department from Employee;
6. select lastname from Employee order by age desc;
7. select lastname from Employee where age>30 and department = 'Marketing';
8. select * from Employee;
9. select * from Employee where firstname like '%son%' or lastname like '%son%';
10. select * from Employee where department = 'Engineering';