

Name: Abdul Majid , Hammas Aschid

Reg : L1F20BSSE0153 (Abdul Majid) , L1F20BSSE0158

Section: Q7

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Question # 1

```
create database storeshipping;  
use storeshipping;
```

```
create table item(  
    item-ID int primary key,  
    Name varchar(30),  
    space varchar(30),  
    sale-price int,  
    cost int,  
    manufe-ID int,  
    Foreign key (manufe-ID) references manufacture (  
        manufe-ID) on delete cascade  
);
```

```
create table manufacture(  
    manufe-ID int primary ID primary key,  
    manuf-name varchar(30),  
    address varchar(30)  
);
```

create table Item-shelve (

placed-date string,

remove-date string,

item-Id int,

shelve-Id int,

Foreign key (item-Id) references item(item-ID),

Foreign key (shelve-Id) references shelves(shelve-Id) on delete cascade
);

create table shelves (

shelves-Id int primary key,

size int,

name varchar(30)

);

a) i) insert into item(item-ID, name, space, sale-price, cost

manufc-ID) values (01, "Lays", "10", 80, 60, 01);

ii) insert into item(item-ID, name, space, sale-price, cost
manufc-ID) values (02, "Lahi", "11", 40, 30, 02);

~~iii) insert into item(item-ID, " ", "15", 90, 50, 03)~~

iii) insert into item(item-ID, name, space, sale-price, cost
manufc-ID) values (03, "biscuit", "12", 90, 60, 03);

i) insert into manufacture (manufc-ID, manuf-name, address)
values (01, "Ali-baba", "china");

ii) insert into manufacture (manufc-ID, manuf-Name, address)
values (02, "amazon", "pk");

iii) insert into manufacture (manufc-ID, manuf-Name, address)
values (03, "amazon", "pk");

i) insert into Item-shelve (placed-date, remove-date, item-ID
shelve-ID) values ("11/02/2020", "2/03/2020", 01, 01);

iii) insert into Item-shelve (placed-date, remove-date, item-ID
shelve-ID) values ("11/05/2020", "11/06/2020", 02, 02);

ii) insert into Item-shelve (placed-date, remove-date, item-ID
shelve-ID) values ("22/06/2020", "22/07/2020", 03, 03);

i) insert into shelves (shelves-ID, size, name) values
(01, 12, "one");

ii) insert into shelves (shelves-ID, size, name) values
(02, 13, "two");

iii) insert into shelves (shelves-ID, size, name) values
(03, 14, "three");

b)

Delete from item-shelve where remove-date = "12/2/2022";

c)

Update item-shelve set remove-date = "09/15/2022"
where placed-date = "09/15/2022";

d)

ii) select * name from shelves order by name;

i) select * from item where sale-price > 1000;

iii) select manaf-name from manufacture;

iv) select * from item-shelve order by
remove-date Desc;

v) select item-name, cost from item
where manuf-Id = 01;

Question #2

