**Question 1**

**a)**

Select \* from books;

**b)**

Select Order.ID, Order.RegDate, Order.Qty, User.Name, Book.Title

from

Order

Inner Join User

Inner Join Book

ON Order.BookID = Book.ID

And Order.UserID = User.ID;

**c)**

Select User.Name, summry.Qty

from User

Inner Join (Select count(Qty) as Qty, UserID from Orders groupby UserID) as Summry

ON User.ID = Summry.UserID

**d)**

Select ID

Case WHEN ids.BookID = NULL THEN False

Else True End as flag

From Book

Left join (Select DISTINCT BookID from Orders) as ids

On Book.BookID=ids.BookID

**Question 2**

function fact(n){

if(n === 0){

return 1;

}else{

return n\*fact(n-1);

}

}