

Q5

B)

```
// revenue = (quantity * price)
select ino.orderId, ino.itemId, ino.quantity,
SUM(ino.quantity * i.pricePerUnit) AS totalRevenue
from iteminOrder ino join item i
on ino.itemId = i.itemId
group by ino.itemId
order by totalRevenue
DESC
limit 1
```

C)

```
SELECT ino.itemId, Sum(ino.quantity) as numberOfUnit
from iteminOrder ino Join Item i On
ino.itemId = i.itemId
group by ino.itemId
order by sum(ino.quantity) DESC
limit 1
```

D)

```
Select u.email
From User u
Join Ordera o
ON o.userId = u.userId
Group by u.userId
Having Sum(o.orderTotalAmount) > 100
```

```
SELECT u.email, o.TotalAmount FROM User AS u JOIN (SELECT userId, SUM(ord
erTotalAmount) AS TotalAmount FROM Ordera GROUP BY userId) AS o ON u.userI
d = o.userId where o.TotalAmount > 100
```

E)

```
select u.email from ordera as o
Join User as u on u.userId = o.userId
where orderId In(
select orderId
from iteminOrder
GROUP by orderId
having count(itemId) = (
select count(itemId) as great
from iteminOrder
group by orderId order by great desc limit 1)
)
```

```
F)DELETE FROM User where userId NOT IN (  
select userId from CreditCard where expirationDate > now()  
)
```