

CORRECTION SUITE TP 1

use vente;

#1

```
select category, sum(cache_prix_total) as 'montant total'
      from commande
      group by category
      order by sum(cache_prix_total) desc;
```

#2

```
select distinct client.id,client.* from client
inner join commande on client.id=commande.client_id
      order by client.id;
```

méthode 2

```
select * from client
where id in (select client_id from commande)
      order by id;
```

#3

```
select * from client  
where nom like 'c%';
```

#4

```
select nom,prix_unitaire from commande_ligne  
where prix_unitaire between 40 and 80;
```

#5

```
select nom,prix_unitaire,sum(quantite) as 'nombre de  
vente'  
from commande_ligne  
group by nom  
order by sum(quantite) desc  
limit 1;
```

#6

```
select nom,prix_unitaire from commande_ligne  
where nom like '%F' and prix_unitaire > 100;
```

#7

```
select * from client
```

```
where ville in('Marseille','Paris');
```

#8

```
select nom,prix_unitaire,quantite from commande_ligne  
where commande_id in (select id from commande  
where client_id in (select id from client where prenom  
='Muriel'));
```

méthode 2

```
select client.nom,prix_unitaire,quantite from  
commande_ligne  
inner join commande on  
commande.id=commande_ligne.commande_id  
inner join client on client.id=commande.client_id  
where client.prenom='Muriel';
```

#9

```
select nom,prix_unitaire from commande_ligne  
where prix_unitaire > (select prix_unitaire from  
commande_ligne where nom='produit f9')  
order by prix_unitaire desc;
```

#10

```
select nom,prix_unitaire,sum(quantite) as 'nombre de  
vente'  
from commande_ligne  
where prix_unitaire = (select max(prix_unitaire) from  
commande_ligne)  
group by nom;
```

#11

```
select * from client  
where prenom like '_a%';
```

#12

```
select commande.id as 'id commande',description from  
commande  
inner join commande_category on  
commande.category=commande_category.id;
```

#13

```
select distinct nom from commande_ligne;
```

#14

```
select * from client
where id not in(select client_id from commande);
```

#méthode 2

```
select client.* from client
left join commande on client.id=commande.client_id
where commande.id is null;
```

#15

```
select nom ,sum(prix_total) ca from commande_ligne
group by nom
order by ca;
```

#16

```
select client.* from client
inner join commande on client.id=commande.client_id
inner join commande_ligne on
commande.id=commande_ligne.commande_id
where prix_unitaire = (select max(prix_unitaire) from
commande_ligne);
```

#17

```
update commande_ligne
inner join commande on
commande.id=commande_ligne.commande_id
set prix_unitaire=(
    case
    when category in (1,2) then prix_unitaire*0.9
    else prix_unitaire*0.85
    end);

set sql_safe_updates=0;
```

#18

```
delete commande,commande_ligne from commande inner
join commande_ligne on
commande.id=commande_ligne.commande_id
where client_id =(select id from client where
pre nom='Muriel');
```