

# TP de Synthèse SQL

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## 1 Création de la base de données

%1

## 2 Exprimer en SQL les requêtes suivantes

%1

```
SELECT * From Serveur;
```

%2

```
Select numcom, datecom from commande order by datecom;
```

%3

```
Select nom, grade from serveur NATURAL JOIN affecter WHERE numtab=18;
```

%4

```
Select nom, dateAffect from serveur NATURAL JOIN affecter  
WHERE numtab=18 AND dateAffect BETWEEN '01/01/14' AND '31/01/14';
```

%5

```
SELECT DISTINCT nom from serveur NATURAL JOIN affecter  
NATURAL JOIN COMMANDE NATURAL JOIN CONTIENT NATURAL JOIN PLAT  
WHERE libelle='sorbet mirabelle'  
AND affecter.dateAffect = commande.datecom;
```

%6

```
Select count(*) from Commande where ModePay='carte';
```

%7

```
SELECT nom, sum(*) from serveur NATURAL JOIN affecter  
NATURAL JOIN COMMANDE NATURAL JOIN CONTIENT NATURAL JOIN PLAT  
WHERE affecter.dateAffect = commande.datecom  
GROUP BY nom;
```

%8

```
SELECT numcom,sum(prix) from COMMANDE NATURAL JOIN CONTIENT NATURAL JOIN PLAT  
GROUP BY numcom;
```

%9

```
SELECT numcom) from COMMANDE NATURAL JOIN CONTIENT NATURAL JOIN PLAT  
HAVING sum(prix)>80  
GROUP BY numcom;
```

%10

```
select avg(prix) from plat;
```

%11

```
select libelle
```