SAÉ - Scripts LID SQL

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1. a)

```
SELECT A.nomarticle, A.numarticle
FROM ARTICLE A
WHERE A.numarticle = (SELECT A.numarticle
                      FROM ARTICLE A
                      MINUS
                      SELECT D.numarticle
                      FROM DETAIL_COMMANDE D);
```

l'article 7 (yooner) n'a pas été commandé

```
SELECT libelleCategorie,numCategorie
FROM Categorie
WHERE numCategorie IN (
    SELECT numCategorie FROM Categorie
    MINUS
    SELECT numCategorie FROM Article);
```

les catégories 1,2,3,4,6,7,8,9,10,11,12,16,17,19,20,22,23,24,25 n'ont jamais été commandées

2. b)

```
SELECT TO_CHAR(C.dateCommande, 'MM' ) AS Mois, SUM(C.montantTTC) AS
 Montant_ttc
FROM Commande C,Client Cl
WHERE Cl.numClient = C.numClient
AND cl.adrpaysclient = 'Suisse'
GROUP BY TO_CHAR(C.dateCommande, 'MM')
ORDER BY TO_CHAR(C.dateCommande, 'MM') ASC;
```

```
SELECT TO_CHAR(C.dateCommande, 'WW' ) AS Semaine, SUM(C.montantTTC) AS
 Montant_ttc
FROM Commande C,Client Cl
```

```
WHERE Cl.numClient = C.numClient
AND cl.adrpaysclient = 'Suisse'
GROUP BY TO_CHAR(C.dateCommande, 'WW')
ORDER BY TO_CHAR(C.dateCommande, 'WW') ASC;
```

3. c)

```
SELECT nomClient,numClient
FROM Client
WHERE numClient IN (
    SELECT numClient FROM Client
    MINUS
    SELECT numClient FROM Commande );
```

4. e)

```
SELECT nomArticle
FROM Article A, Categorie C
WHERE NOT EXISTS
    (SELECT codeTaille
    FROM variante_article
    WHERE codeTaille BETWEEN 8 AND 17
    MINUS
    SELECT codeTaille
    FROM Variante_Article V2
    WHERE V2.numArticle = A.numArticle
    )
AND A.numCategorie = C.numCategorie
AND c.libellecategorie = 'Chaussures';
```

5. f)

```
SELECT DISTINCT C.numCommande FROM Commande C, Detail_Commande DC
WHERE C.numCommande = DC.numCommande
AND dc.quantitelivree = 0;
```

```
SELECT DISTINCT C.numCommande FROM Commande C, Detail_Commande DC
WHERE C.numCommande = DC.numCommande
AND DC.quantiteLivree < DC.quantiteCommandee
ORDER BY C.numCommande ASC;
```

```
SELECT DISTINCT C.numCommande FROM Commande C, Detail_Commande DC
WHERE C.numCommande = DC.numCommande
AND DC.quantiteLivree > DC.quantiteCommandee
ORDER BY C.numCommande ASC;
```

6. g)

```
SELECT E.codeTypeTVA,SUM(DC.quantiteLivree * TV.prixVente)
FROM Commande C,Client Cl, Etiquette E, tarif_vente TV,Detail_Commande
 DC
WHERE Cl.codeEtiquette = E.codeEtiquette
AND Cl.numClient = C.numClient
AND C.numCommande = DC.numCommande
AND DC.numArticle = TV.numArticle
GROUP BY E.codeTypeTVA
```

7. h)

```
SELECT DC.NumArticle ,COUNT(DC.numArticle)
FROM DETAIL_COMMANDE DC
GROUP BY DC.numArticle
HAVING COUNT(DC.numArticle) = (
    SELECT MAX(COUNT(DC.numArticle))
    FROM DETAIL_COMMANDE DC
    GROUP BY DC.numArticle
);
```

8. i)

```
SELECT DC.NumArticle ,SUM(DC.QUANTITECOMMANDEE)
FROM DETAIL_COMMANDE DC
GROUP BY DC.numArticle
HAVING SUM(DC.numArticle) = (
    SELECT MAX(SUM(DC.numArticle))
    FROM DETAIL_COMMANDE DC
    GROUP BY DC.numArticle
);
```