

Solutions de la démo 7 : IFT2821

6 avril 2015

1.

```
SELECT CL.id_client,nom_compagnie
FROM Client CL
LEFT JOIN Commande CO
ON CO.id_client=CL.id_client
WHERE CO.id_client IS NULL;
```

2. MySQL ne supporte pas FULL OUTER JOIN, un moyen de l'implémenter autrement serait de faire l'union de LEFT JOIN et RIGHT JOIN:

```
SELECT CL.id_client,nom_compagnie,id_commande
FROM Client CL
LEFT JOIN Commande CO ON CO.id_client=CL.id_client
UNION
SELECT CL.id_client,nom_compagnie,id_commande
FROM Client CL
RIGHT JOIN Commande CO ON CO.id_client=CL.id_client
ORDER BY id_commande;
```

3.

```
CREATE TABLE ProduitRetire(id_produit INT(11),nom_produit VARCHAR(40));
```

4.

```
INSERT INTO ProduitRetire
SELECT id_produit,nom_produit
FROM Produit
WHERE retire_du_marche = 1;
```

5.

```
DELETE FROM Client
WHERE id_client = 'PARIS';
```

6.

```
SELECT E.id_employe, nom, prenom, COUNT(DISTINCT id_produit) AS nombre_de_produits_vendus
FROM DetailsCommande DC, Commande C, Employe E
WHERE DC.id_commande = C.id_commande
AND E.id_employe = C.id_employe
GROUP BY id_employe
HAVING count(distinct id_produit) > 70;
```

7.

```
UPDATE Employe
SET salaire = 1.1 * salaire
WHERE id_employe IN (SELECT id_employe
                     FROM Commande
                     GROUP BY id_employe
                     HAVING count(id_commande) > 100);
```

8.

```
CREATE INDEX idx_com ON Commande(id_commande);
```