**TD 4 SQL**

**Exercice 1 :**

**1:**

SELECT NomCru

FROM CRU

WHERE Classement = 100

ORDER BY NomCru ;

**2 :**

SELECT NomCli, AdresseCli

FROM CLIENT c, PREFERER p, CRU cr

WHERE c.nocli = p.nocli and cr.codeinseecru = p.codeinseecru and note = 20 and NomCru = “Ay%”;

**3 :**

SELECT CodeInseeCru, NomCru, AVG(Note) Note Moyenne

FROM CRU cr, PREFERER p

WHERE cr.CodeInseeCru = p.CodeInseeCru;

**4 :**

SELECT Norep, NomRep, COUNT(nocli)

FROM REPRESENTANT r, CLIENT c

WHERE r.numdept = c.numdept

GROUP BY Norep, NomRep;

**EXERCICE 2 :**

**1:**

SELECT DateSession, LibelleForm, NomPro

FROM SESSION s, FORMATION f, PRODUIT p, STAGIAIRE st

WHERE f.codeform = s.codeform and p.codepro = f.codepro and st.nostagiaire = 911 and datesession < 15/05/2000 and datesession > 01/03/2000;

**2:**

SELECT Matricule, COUNT(NoSession) Nombre session,

FROM SESSION

GROUP BY Matricule

HAVING COUNT(NoSession) >= 10;

**Exercice 3 :**

**1:**

SELECT Nom, Ville, SUM(Montant) Chiffre d’affaire

FROM AEROCLUB a, SUBIR s, AVION av

WHERE a.codeclub = av.codeclub and av.codeavion = s.codeavion and Date = “%2002”

ORDER BY SUM(Montant) DESC;

**Exercice 4 :**

**1:**

SELECT CodeModele, LibelleModele, LibelleMarque, Annee, SUM(NbSinistres) Nombre sinistres, SUM(CumulCoutSinistere) Cumul couts, SUM(MttTotalCotisation) Montant cotisations

FROM ModeleAuto m, StatistiquesModele s,

WHERE m.CodeModele = s.CodeModele

GROUP BY CodeModele, LibelleModele, LibelleMarque, Annee ;

**2 :**

SELECT LibelleModele, SUM(MttTotalCotisation)/SUM(CumulCoutSinistre)

FROM ModeleAuto m, StatistiquesModele s,

WHERE Annee = 1999

HAVING SUM(MttTotalCotisation)/SUM(CumulCoutSinistre) > 4;