Tables Creation :

Categorie

```sql
CREATE TABLE categorie (
  codecateg integer ,
  nomcateg varchar(30),
  description varchar(150),
  constraint pk_categorie PRIMARY KEY (codecateg)
);
```

Client

```sql
CREATE TABLE client (
  codeclient varchar2(4),
  societe varchar2(30),
  contact varchar2(30),
  fonction varchar2(30),
  adresse varchar2(30),
  ville varchar2(30),
  region varchar2(30),
  codepostal varchar2(30) ,
  pays varchar2(30) ,
  tel varchar2(30) ,
  fax varchar2(30) ,
  constraint pk_client PRIMARY KEY (codeclient)
);
```

Fournisseur

```sql
CREATE TABLE fournisseur  (
  numfour   integer ,
  societe   varchar2(30),
  contact   varchar2(30),
  fonction   varchar2(30),
  adresse   varchar2(30),
  ville   varchar2(30),
  region   varchar2(30),
  codepostal   varchar2(30),
  pays   varchar2(30),
  tel   varchar2(30),
  fax   varchar2(30),
  pageaccueil   varchar2(30),
  constraint pk_fournisseur  PRIMARY KEY (numfour)
);
```

Messager

```sql
CREATE TABLE messager (
    nummess   integer,
    nommess   varchar2(30),
    tel   varchar2(30),
    constraint pk_messager PRIMARY KEY (nummess)
);
```

Produit

```sql
CREATE TABLE produit (
    refprod   integer,
    nomprod   varchar2(100) ,
    numfour   integer,
    codecateg   integer,
    qteparunit   varchar2(100),
    prixunit   number,
    unitesstock   integer,
    unitescom   integer,
    niveaureap   integer,
    indisponible   integer,
    constraint pk_produit PRIMARY KEY (refprod),
    constraint fk_produit_categorie foreign key codecateg references categorie(codecateg) on delete cascade,
    constraint fk_produit_fournisseur foreign key numfour references fournisseur(numfour) on delete cascade,
    constraint ck_produit_indisponible check (indisponible in (0,1))
);
```

Employe

```sql
CREATE TABLE employe(
    numemp   integer,
    nom   varchar2(30),
    prenom   varchar2(30),
    fonction   varchar2(30),
    titrecourtoisie   varchar2(30),
    datenaissance   date,
    dateembauche   date,
    adresse   varchar2(30),
    ville   varchar2(30),
    region   varchar2(30),
    codepostal   varchar2(30),
    pays   varchar2(30),
    teldom   varchar2(30),
    extension   varchar2(30),
    rendcomptea   integer,
    constraint pk_employe PRIMARY KEY (numemp),
    constraint ck_employe_date check (datenaissance<dateembauche),
    constraint fk_employe_employe foreign key(rendcomptea) references employe (numemp) on delete CASCADE
);
```

Commande

```sql
CREATE TABLE  commande (
  numcom  integer ,
  codecli varchar2 (4) ,
  numemp  integer ,
  datecom date ,
  alivavant  date ,
  dateenv date ,
  nummess  integer ,
  port varchar2 (30) ,
  destinataire  varchar2 (30) ,
  adrliv varchar2 (30) ,
  villeliv varchar2 (30) ,
  regionliv varchar2 (30) ,
  codepostalliv varchar2 (30)  ,
  paysliv varchar2 (30) ,
  constraint pk_commande PRIMARY KEY (numcom) ,
  constraint fk_commande_client foreign key codeclient references client(codeclient) on delete cascade ,
  constraint fk_commande_employe foreign key numemp references employe(numemp) on delete cascade ,
  constraint fk_commande_messager foreign key nummess references messager(nummess) on delete cascade
);
```

DetailCommande

```sql
CREATE TABLE detailcommande (
  numcom  integer ,
  refprod integer ,
  prixunit NUMBER  ,
  qte integer ,
  remise number ,
  constraint pk_detailcommande PRIMARY KEY (numcom,refprod) ,
  constraint fk_detailcommande_produit foreign key refprod references produit(refprod) on delete cascade ,
  constraint fk_detailcommande_commande foreign key numcom references commande(numcom) on delete cascade
);
```

Insert :

Categorie

Click here to open the file

Client

Fournisseur

Messager

Produit

Employe

Commande

DetailCommande