SQL :

CREATE DATABASE voiture ;

CREATE TABLE personne(

id\_personne int NOT NULL PRIMARY KEY,

nom varchar(50)NOT NULL,

prenom varchar(50)NOT NULL,

n\_rue int NOT NULL,

rue varchar(255)NOT NULL,

cp int NOT NULL ,

ville varchar (50)NOT NULL

)

CREATE TABLE vehicule (

immatriculation varchar(10)NOT NULL PRIMARY KEY,

marque varchar(50)NOT NULL,

kilometrage int NOT NULL,

date\_mise\_service datetime NOT NULL,

id\_personne int NOT NULL,

CONSTRAINT fk\_id\_personne FOREIGN KEY (id\_personne) REFERENCES personne (id\_personne)

)

CREATE DATABASE ecole;

CREATE TABLE etudiant (

id\_etudiant int NOT NULL PRIMARY KEY,

nom varchar(50) NOT NULL,

prenom varchar(50) NOT NULL,

date\_entree date NOT NULL

)

CREATE TABLE matiere (

id\_matiere INT NOT NULL PRIMARY KEY,

lib\_matiere VARCHAR(150) NOT NULL UNIQUE,

coefficient tinyint NOT NULL

)

CREATE TABLE controle (

id\_etudiant INT NOT NULL,

id\_matiere INT NOT NULL,

note TINYINT NULL,

CONSTRAINT PRIMARY KEY(id\_etudiant, id\_matiere),

CONSTRAINT fk\_id\_etudiant FOREIGN KEY(id\_etudiant) REFERENCES etudiants(id\_etudiant),

CONSTRAINT fk\_id\_matiere FOREIGN KEY(id\_matiere) REFERENCES matieres(id\_matiere)

)

CREATE DATABASE ecole ;

CREATE TABLE etudiant (

Id\_etudiant int NOT NULL PRIMARY KEY ,

nom varchar(50) NOT NULL,

prenom varchar(50) NOT NULL,

date\_entree date NOT NULL

)

CREATE TABLE matiere (

Id\_matiere int NOT NULL PRIMARY KEY ,

Lib\_matiere varchar(255) NOT NULL,

Coefficient tinyint NOT NULL

)

CREATE TABLE controle (

Id\_etudiant int NOT NULL,

Id\_matiere int NOT NULL,

date\_controle date NOT NULL,

note tinyint NOT NULL,

CONSTRAINT pk\_controle PRIMARY KEY (id\_etudiant, id\_matiere, date\_controle ),

CONSTRAINT fk\_id\_etudiant FOREIGN KEY (id\_etudiant) REFERENCES etudiant (id\_etudiant),

CONSTRAINT fk\_id\_matiere FOREIGN KEY (id\_matiere) REFERENCES matiere (id\_matiere)

)

CREATE DATABASE bibliotheque ;

CREATE TABLE livre(

isbn varchar (50) NOT NULL PRIMARY KEY,

titre varchar (50) NOT NULL

)

CREATE TABLE exemplaire(

num\_exempl int NOT NULL,

isbn varchar (50) NOT NULL,

etat char(1) NOT NULL DEFAULT « D »,

CONSTRAINT pk\_exempl PRIMARY KEY (num\_exempl, isbn),

CONSTRAINT fk\_isbn FOREIGN KEY (isbn) REFERENCES livre (isbn)

)

CREATE DATABASE boutique ;

CREATE TABLE rayon (

nomR varchar(50) NOT NULL PRIMARY KEY

)

CREATE TABLE magasin (

codeM int NOT NULL PRIMARY KEY,

nomM varchar(100)

)

CREATE TABLE article (

codeA int NOT NULL PRIMARY KEY,

nomA varchar(100) NOT NULL,

type char(1) NOT NULL

)

CREATE TABLE vente(

num\_vente int NOT NULL PRIMARY KEY,

codeA int NOT NULL,

codeM int NOT NULL,

nomR varchar(50),

datecommande date NOT NULL,

quantité int NOT NULL,

CONSTRAINT fk\_ codeA FOREIGN KEY (codeA) REFERENCES article (codeA),

CONSTRAINT fk\_ codeM FOREIGN KEY (codeM) REFERENCES magasin (codeM

CONSTRAINT fk\_nomR FOREIGN KEY (nomR) REFERENCES rayon (nomR)

)