**Le script :**

alter table etudiant drop constraint if exists fk\_e\_personne ;

alter table responsable drop constraint if exists fk\_r\_personne ;

alter table groupe drop constraint if exists fk\_g\_semestre ;

alter table groupe drop constraint if exists fk\_g\_personne ;

alter table matiere drop constraint if exists fk\_m\_semestre ;

alter table matiere drop constraint if exists fk\_m\_personne ;

alter table matiere drop constraint if exists fk\_m\_type ;

alter table coeff\_competence drop constraint if exists fk\_c\_competence ;

alter table coeff\_competence drop constraint if exists fk\_c\_semestre ;

alter table controle drop constraint if exists fk\_co\_semestre ;

alter table notes drop constraint if exists fk\_n\_personne ;

alter table notes drop constraint if exists fk\_n\_semestre ;

drop table if exists type ;

drop table if exists personne ;

drop table if exists etudiant ;

drop table if exists responsable ;

drop table if exists groupe ;

drop table if exists semestre ;

drop table if exists matiere ;

drop table if exists competence ;

drop table if exists coeff\_competence ;

drop table if exists controle ;

drop table if exists notes ;

create table type

( id\_type varchar,

primary key(id\_type)

);

create table personne

( id\_personne int,

nom varchar,

prenom varchar,

primary key(id\_personne)

);

create table etudiant

( id\_personne int,

primary key(id\_personne)

);

alter table etudiant

add constraint fk\_e\_personne

foreign key (id\_personne)

references personne (id\_personne);

create table responsable

( id\_personne int,

primary key(id\_personne)

);

alter table responsable

add constraint fk\_r\_personne

foreign key (id\_personne)

references personne (id\_personne);

create table semestre

( id\_semestre varchar,

primary key(id\_semestre)

);

create table groupe

( id\_groupe int,

id\_personne int,

id\_semestre varchar,

nom varchar,

primary key(id\_groupe)

);

alter table groupe

add constraint fk\_g\_personne

foreign key (id\_personne)

references etudiant (id\_personne);

alter table groupe

add constraint fk\_g\_semestre

foreign key (id\_semestre)

references semestre (id\_semestre);

create table matiere

( id\_type varchar,

id\_semestre varchar,

id\_matiere int,

id\_personne int,

nom varchar,

primary key(id\_matiere,id\_semestre,id\_type)

);

alter table matiere

add constraint fk\_m\_semestre

foreign key (id\_semestre)

references semestre (id\_semestre);

alter table matiere

add constraint fk\_m\_personne

foreign key (id\_personne)

references responsable (id\_personne);

alter table matiere

add constraint fk\_m\_type

foreign key (id\_type)

references type (id\_type);

create table competence

( id\_competence varchar,

nom varchar,

primary key(id\_competence)

);

create table coeff\_competence

( id\_competence varchar,

id\_type varchar,

id\_semestre varchar,

id\_matiere int,

coefficient int,

primary key(id\_competence,id\_matiere,id\_semestre,id\_type)

);

alter table coeff\_competence

add constraint fk\_c\_competence

foreign key (id\_competence)

references competence (id\_competence);

alter table coeff\_competence

add constraint fk\_c\_semestre

foreign key (id\_matiere,id\_semestre,id\_type)

references matiere (id\_matiere,id\_semestre,id\_type);

create table controle

( id\_controle int,

id\_type varchar,

id\_semestre varchar,

id\_matiere int,

nom varchar,

date\_eval varchar,

primary key(id\_controle,id\_matiere,id\_semestre,id\_type)

);

alter table controle

add constraint fk\_co\_semestre

foreign key (id\_matiere,id\_semestre,id\_type)

references matiere (id\_matiere,id\_semestre,id\_type);

create table notes

( id\_personne int,

id\_type varchar,

id\_controle int,

id\_matiere int,

id\_semestre varchar,

note float,

primary key(id\_personne,id\_controle,id\_matiere,id\_semestre,id\_type)

);

alter table notes

add constraint fk\_n\_personne

foreign key (id\_personne)

references etudiant (id\_personne);

alter table notes

add constraint fk\_n\_semestre

foreign key (id\_controle,id\_matiere,id\_semestre,id\_type)

references controle (id\_controle,id\_matiere,id\_semestre,id\_type);