Serie1.2

create database canigou;

use canigou;

create table adherent(

code\_adherent int primary key ,

nom\_adherent varchar(255),

prenom\_adherent varchar(255),

date\_naissance date

)engine=innoDB;

create table annee(

annee date primary key,

cotisation\_adulte int(5),

cotisation\_mineur int (5),

CONSTRAINT CHK\_Annee CHECK (annee<=2020 AND annee>= 2000)

)engine=innoDB;

create table lieu(

idlieu int auto\_increment not null primary key

)engine=innoDB;

create table marche(

code\_marche int primary key,

date\_marche date,

idlieu int,

CONSTRAINT lieu\_FK FOREIGN KEY(idlieu)

REFERENCES lieu(idlieu)

)engine=innoDB;

create table realise(

code\_adherent int,

code\_marche int,

constraint pk\_realise primary key (code\_adherent, code\_marche),

CONSTRAINT adherent\_FK FOREIGN KEY (code\_adherent)

REFERENCES adherent(code\_adherent),

CONSTRAINT marche\_FK FOREIGN KEY(code\_marche)

REFERENCES marche(code\_marche)

)engine=innoDB;

create table cotisation(

code\_adherent int,

annee date,

constraint pk\_cotisation primary key (code\_adherent, annee),

CONSTRAINT code\_adherent\_FK FOREIGN KEY(code\_adherent)

REFERENCES adherent(code\_adherent),

CONSTRAINT annee\_FK FOREIGN KEY (annee)

REFERENCES annee(annee)

)engine=innoDB;

alter table marche ADD niveau\_marche varchar(255)

CHECK (niveau\_marche='Facile' or niveau\_marche='Moyen' or niveau\_marche='Difficile' or niveau\_marche='Compétition');

INSERT INTO adherent (code\_adherent, nom\_adherent, prenom\_adherent, date\_naissance)

VALUES (‘1254’,'Craig', 'Smith',’2000-12-12’)

Ex1.1

ALTER TABLE artiste

ADD CONSTRAINT PK\_artiste PRIMARY KEY (NOM);

ALTER TABLE film

ADD CONSTRAINT PK\_film PRIMARY KEY (titre);

ALTER TABLE joue

ADD CONSTRAINT PK\_joue PRIMARY KEY (titre, acteur);

ALTER TABLE seance

ADD CONSTRAINT PK\_seance PRIMARY KEY (numero, nomcine, horaire);

ALTER TABLE avu

ADD CONSTRAINT PK\_avu PRIMARY KEY (spectateur, titre);

ALTER TABLE aime

ADD CONSTRAINT PK\_aime PRIMARY KEY (spectateur, titre);

Ex1.2

ALTER TABLE film

ADD CONSTRAINT FK\_film

FOREIGN KEY (realisateur) REFERENCES artiste(nom);

ALTER TABLE joue

ADD CONSTRAINT FK\_joue\_film FOREIGN KEY (titre) REFERENCES film(titre),

ADD CONSTRAINT FK\_joue\_acteur FOREIGN KEY (acteur) REFERENCES artiste(artiste);

ALTER TABLE seance

ADD CONSTRAINT FK\_seance\_titre

FOREIGN KEY (titre) REFERENCES film(titre);

ALTER TABLE avu

ADD CONSTRAINT FK\_avu\_film

FOREIGN KEY (titre) REFERENCES film(titre);

ALTER TABLE aime

ADD CONSTRAINT FK\_aime\_film

FOREIGN KEY (titre) REFERENCES film(titre);

Ex1.3

ALTER TABLE seance

ADD CONSTRAINT nb\_salles CHECK (numero<=10);

ALTER TABLE seance

ADD CONSTRAINT heure\_ouverture CHECK (horaire < 00-00-00 and horaire > 10-00-00);

**Serie 2/2**

**Ex1**

#2-2-A

select titre, metter\_en\_scene, acteur, cinema, horaire

from film, programme

INNER JOIN programme ON film.titre = programme.titre

where titre = 'speed 2';

#2-2-B

select \*

from programme as P1

INNER JOIN programme as P2 ON P1.titre = P2.titre

where titre = 'Eyes wide shup' and horaire > '14:00:00';

#2-2-C

select distinct titre

from film as F1

INNER JOIN film as F2 ON F1.titre = F2.titre

where F1.metteur\_en\_scene = F2.acteur;

#2-2-D

select \*

from programme as P1

INNER JOIN programme as P2 ON P1.Nom\_cine = P2.Nom\_cine

where P1.titre = "Marion"

or P2.Nom\_cine = "Diagonal Centre"

#2-2-E

select titre, cinema, horaire

from film as F, programme as P

INNER JOIN P ON F.titre = P.titre

where F.acteur = "MF Pisier"

and F.titre = P.titre;

#2-2-F

select dictinct film

from film as F1

INNER JOIN film as F2 ON F1.titre = F2.titre

where F1.metteur\_en\_scene = F2.acteur;

#2-2-G

select titre

From film as F1

INNER JOIN film as F2 ON F1.titre = F2.titre

Where sum(metteur\_en\_scene) > 1;

#2-2-H

select metteur\_en\_scene, acteur

from film as F1

INNER JOIN film as F2 ON F1.titre = F2.titre

where titre = "Marion"

Ex 2

#2-2-A

select dragon

from dragons as D1

INNER JOIN dragons as D2 ON D1.dragon = D2.dragon

where cracheDuFeu = "oui";

#2-2-B

select dragon

from dragons as D1

INNER JOIN dragons as D2 ON D1.dragon = D2.dragon

where crache\_feu = "oui"

and sexe = "M";

#2-2-C

select dragon

from dragons as D1

INNER JOIN dragons as D2 ON D1.dragon = D2.dragon

where crache\_feu = "non"

and sexe = "F";

#2-2-D

select dragonAimant

from aime;

#2-2-E

select dragnAimant

from aime as A1

INNER JOIN aime as A2 ON A1.dragnAimant = A2.dragnAimant

where forceAmour = "passionement";

#2-2-F

select dragon

from repas as R1

INNER JOIN repas as R2 ON R1.dragon = R2.dragon

where produit = 'oeuf';

#2-2-G

select dragon

from dragons as D

left join aime as A on D.dragon = A.dragonAimant;

#2-2-H

#2-2-I

#2-2-J

#2-2-K

Ex 3

#2-2-A

select NomP

from commandes as C1

inner join commandes as C2 on C1.NoCom = C2.NoCom

where NomC = 'Jean'

#2-2-B

#2-2-C

Serie exo Trigger

Ex1

A/ select nom, nomSubs from personne, mediacament, consultation

where symptome = "Toux sèche"

B/ select nom, dateCons, nossMed from personne, consultation

where symptome = "Toux sèche"

and dateCons = '2018-12-04'

order by nom

C/

D/ select prix from medicament

where nomSubs = "NOSCAPINE"

order by prix

E/

Ex2