# 1 A partir du MLD suivant créer la base de données :

CREATE DATABASE judo CHARACTER SET utf8 COLLATE utf8\_general\_ci;;

USE judo;

CREATE table judoka (id\_judoka INT AUTO\_INCREMENT PRIMARY KEY not null, nom\_judoka varchar(50), prenom\_judoka varchar(50), age\_judoka INT, sexe\_judoka varchar(50), id\_niveau INT);

CREATE table participer (id\_judoka INT, id\_cpt INT);

CREATE table competition (id\_cpt INT AUTO\_INCREMENT PRIMARY KEY not null, nom\_cpt varchar(50), date\_debut\_cpt DATE, date\_fin\_cpt DATE);

CREATE table niveau (id\_niveau INT AUTO\_INCREMENT PRIMARY KEY not null, couleur\_ceinture varchar(50));

ALTER TABLE participer

ADD CONSTRAINT fk\_participer\_cpt

FOREIGN KEY (id\_cpt)

REFERENCES competition (id\_cpt);

ALTER TABLE participer

ADD CONSTRAINT fk\_participer\_judoka

FOREIGN KEY (id\_judoka)

REFERENCES judoka (id\_judoka);

# 2 Requêtes de mise à jour :

## I Ajouter dans les tables de la base de données les enregistrements suivants :

USE judo;

INSERT INTO judoka (nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka, id\_niveau) VALUES ("Lachance", "Dominique", "16", "F", "2"), ("Porter", "Gilbert", "18", "H", "3"), ("Lemaître", "Anne", "15", "F", "4"), ("Robert", "Juliette", "12", "F", "1"), ("Montminy", "Pierre", "17", "H", "5"), ("Charrette", "Pascal", "21", "H", "6"), ("Guay", "Émilie", "19", "F", "6"), ("Maheu", "Louise", "14", "F", "4"), ("Poulin", "Raymond", "26", "H", "7"), ("Dupret", "Alain", "20", "H", "6");

INSERT INTO niveau (couleur\_ceinture) VALUES ("blanche"), ("jaune"), ("orange"), ("verte"), ("bleue"), ("marron"), ("noire");

INSERT INTO competition (nom\_cpt, date\_debut\_cpt, date\_fin\_cpt) VALUES ("judo31", "2021-02-06", "2021-02-07"), ("judo11", "2021-02-27", "2021-02-28"), ("judo81", "2021-03-20", "2021-03-21"), ("judo82", "2021-04-17", "2021-04-18");

INSERT INTO participer (id\_cpt, id\_judoka) VALUES ("1", "1"), ("1", "3"), ("1", "4"), ("2", "2"), ("2", "5"), ("2", "6"), ("2", "9"), ("3", "10"), ("3", "9"), ("4", "1"), ("4", "3"), ("4", "8"), ("4", "4");

## II Mettre à jour des enregistrements dans des tables :

USE judo;

UPDATE judoka

SET id\_niveau = id\_niveau + 1

WHERE id\_judoka <6;

## III Supprimer des enregistrements dans des tables :