**Script   
Création Base de Données   
SQLix**

I/ Création base de données

1. Je me connecte au terminal

Entrer : mysql -h localhost -u root

(Entrer password:)//falcutatif

1. J’entre ma requête de création

CREATE DATABASE SQLix DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci;

II/ Création de base de données

USE SQLix

CREATE TABLE qualite (

num\_qualite INT AUTO\_INCREMENT,

lib\_qualite VARCHAR(30),

PRIMARY KEY (num\_qualite)

)

ENGINE=INNODB;

CREATE TABLE province (

num\_province INT AUTO\_INCREMENT,

nom\_province VARCHAR(30),

nom\_gouverneur VARCHAR(30),

PRIMARY KEY (num\_province)

)

ENGINE=INNODB;

CREATE TABLE village (

num\_village INT AUTO\_INCREMENT,

nom\_village VARCHAR(30),

nb\_huttes INT,

num\_province INT,

PRIMARY KEY (num\_village),

CONSTRAINT FOREIGN KEY (num\_province) REFERENCES province (num\_province)

)

ENGINE=INNODB;

CREATE TABLE habitant (

num\_hab INT AUTO\_INCREMENT,

nom VARCHAR(30),

age INT,

num\_qualite INT,

num\_village INT,

PRIMARY KEY (num\_hab),

CONSTRAINT FOREIGN KEY (num\_qualite) REFERENCES qualite (num\_qualite),

CONSTRAINT FOREIGN KEY (num\_village) REFERENCES village (num\_village)

)

ENGINE=INNODB;

CREATE TABLE resserre (

num\_resserre INT AUTO\_INCREMENT,

nom\_resserre VARCHAR(30),

superficie INT,

num\_village INT,

PRIMARY KEY (num\_resserre),

CONSTRAINT FOREIGN KEY (num\_village) REFERENCES village (num\_village)

)

ENGINE=INNODB;

CREATE TABLE categorie (

code\_cat CHAR(3),

nom\_categ VARCHAR(50),

nb\_points INT,

PRIMARY KEY (code\_cat)

)

ENGINE=INNODB;

CREATE TABLE trophee (

num\_trophee INT AUTO\_INCREMENT,

date\_prise DATETIME,

code\_cat CHAR(3),

num\_preneur INT,

num\_resserre INT,

PRIMARY KEY (num\_trophee),

CONSTRAINT FOREIGN KEY (code\_cat) REFERENCES categorie (code\_cat),

CONSTRAINT FOREIGN KEY (num\_preneur) REFERENCES habitant (num\_hab),

CONSTRAINT FOREIGN KEY (num\_resserre) REFERENCES resserre (num\_resserre)

)

ENGINE=INNODB;

CREATE TABLE potion (

num\_potion INT AUTO\_INCREMENT,

lib\_potion VARCHAR(40),

formule VARCHAR(30),

constituant\_principal VARCHAR(30),

PRIMARY KEY (num\_potion)

)

ENGINE=INNODB;

CREATE TABLE fabriquer (

num\_potion INT,

num\_hab INT,

PRIMARY KEY (num\_potion, num\_hab),

CONSTRAINT FOREIGN KEY (num\_potion) REFERENCES potion (num\_potion),

CONSTRAINT FOREIGN KEY (num\_hab) REFERENCES habitant (num\_hab)

)

ENGINE=INNODB;

CREATE TABLE absorber (

num\_potion INT,

date\_a DATETIME,

num\_hab INT,

quantite INT,

PRIMARY KEY (date\_a, num\_potion, num\_hab),

CONSTRAINT FOREIGN KEY (num\_potion) REFERENCES potion (num\_potion),

CONSTRAINT FOREIGN KEY (num\_hab) REFERENCES habitant (num\_hab)

)

ENGINE=INNODB;