-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

-- -----------------------------------------------------

-- Schema mydb

-- -----------------------------------------------------

-- -----------------------------------------------------

-- Schema mydb

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

-- -----------------------------------------------------

-- Table `mydb`.`Editorial`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Editorial` (

`Nombre` VARCHAR(50) NOT NULL,

`Ciudad` VARCHAR(45) NOT NULL,

`Complemento\_direccion` VARCHAR(200) NOT NULL,

PRIMARY KEY (`Nombre`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Libro`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Libro` (

`ISBN` VARCHAR(15) NOT NULL,

`Titulo` VARCHAR(100) NOT NULL,

`Numero\_de\_paginas` VARCHAR(4) NOT NULL,

`Nombre\_editorial` VARCHAR(45) NOT NULL,

PRIMARY KEY (`ISBN`),

INDEX `Nombre\_editorial\_idx` (`Nombre\_editorial` ASC) VISIBLE,

CONSTRAINT `Nombre\_editorial`

FOREIGN KEY (`Nombre\_editorial`)

REFERENCES `mydb`.`Editorial` (`Nombre`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Autor`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Autor` (

`Codigo\_autor` VARCHAR(45) NOT NULL,

`Nacionalidad` VARCHAR(45) NOT NULL,

`Edad` VARCHAR(3) NOT NULL,

`Fecha\_nacimiento` VARCHAR(12) NOT NULL,

PRIMARY KEY (`Codigo\_autor`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Libro\_Autor`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Libro\_Autor` (

`ISBN` VARCHAR(15) NOT NULL,

`Codigo\_autor` VARCHAR(45) NOT NULL,

PRIMARY KEY (`ISBN`, `Codigo\_autor`),

INDEX `Codigo\_autor\_idx` (`Codigo\_autor` ASC) VISIBLE,

CONSTRAINT `ISBN`

FOREIGN KEY (`ISBN`)

REFERENCES `mydb`.`Libro` (`ISBN`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `Codigo\_autor`

FOREIGN KEY (`Codigo\_autor`)

REFERENCES `mydb`.`Autor` (`Codigo\_autor`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Cliente`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Cliente` (

`Cedula` VARCHAR(15) NOT NULL,

`Nombre` VARCHAR(45) NOT NULL,

PRIMARY KEY (`Cedula`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Libro\_cliente`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Libro\_cliente` (

`ISBN` VARCHAR(15) NOT NULL,

`Cedula\_cliente` VARCHAR(15) NOT NULL,

PRIMARY KEY (`ISBN`, `Cedula\_cliente`),

INDEX `Cedula\_cliente\_idx` (`Cedula\_cliente` ASC) VISIBLE,

CONSTRAINT `Cedula\_cliente`

FOREIGN KEY (`Cedula\_cliente`)

REFERENCES `mydb`.`Cliente` (`Cedula`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `ISBN`

FOREIGN KEY (`ISBN`)

REFERENCES `mydb`.`Libro` (`ISBN`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`telefono\_cliente`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`telefono\_cliente` (

`Cedula\_cliente` VARCHAR(15) NOT NULL,

`Numero` VARCHAR(15) NOT NULL,

PRIMARY KEY (`Cedula\_cliente`, `Numero`),

CONSTRAINT `Cedula\_cliente`

FOREIGN KEY (`Cedula\_cliente`)

REFERENCES `mydb`.`Cliente` (`Cedula`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;