**SCRIPT SQL PARA LA GENERACIÓN DE LAS TABLAS**

-- 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';

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-- Schema 111Mil

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-- Schema 111Mil

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CREATE SCHEMA IF NOT EXISTS `111Mil` DEFAULT CHARACTER SET utf8 ;

USE `111Mil` ;

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-- Table `111Mil`.`Profesor`

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CREATE TABLE IF NOT EXISTS `111Mil`.`Profesor` (

`DNI` VARCHAR(8) NOT NULL,

`Apellido` VARCHAR(45) NULL,

`Nombre` VARCHAR(45) NULL,

`Materia` VARCHAR(45) NULL,

PRIMARY KEY (`DNI`))

ENGINE = InnoDB;

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-- Table `111Mil`.`Aula`

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CREATE TABLE IF NOT EXISTS `111Mil`.`Aula` (

`idAula` INT NOT NULL AUTO\_INCREMENT,

`Capacidad` VARCHAR(45) NULL,

PRIMARY KEY (`idAula`))

ENGINE = InnoDB;

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-- Table `111Mil`.`Cursos`

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CREATE TABLE IF NOT EXISTS `111Mil`.`Cursos` (

`idCursos` INT NOT NULL AUTO\_INCREMENT,

`Duracion` VARCHAR(45) NULL,

`Carga\_horaria` VARCHAR(45) NULL,

`Cupo` VARCHAR(45) NULL,

`Examen` VARCHAR(2) NOT NULL,

`Informe` VARCHAR(45) NULL,

`Materia` VARCHAR(45) NULL,

`Profesor\_DNI` VARCHAR(8) NOT NULL,

`Aula\_idAula` INT NOT NULL,

PRIMARY KEY (`idCursos`, `Profesor\_DNI`, `Aula\_idAula`),

INDEX `fk\_Cursos\_Profesor1\_idx` (`Profesor\_DNI` ASC) VISIBLE,

INDEX `fk\_Cursos\_Aula1\_idx` (`Aula\_idAula` ASC) VISIBLE,

CONSTRAINT `fk\_Cursos\_Profesor1`

FOREIGN KEY (`Profesor\_DNI`)

REFERENCES `111Mil`.`Profesor` (`DNI`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Cursos\_Aula1`

FOREIGN KEY (`Aula\_idAula`)

REFERENCES `111Mil`.`Aula` (`idAula`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `111Mil`.`Alumnos`

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CREATE TABLE IF NOT EXISTS `111Mil`.`Alumnos` (

`DNI` VARCHAR(8) NOT NULL,

`Apellido` VARCHAR(45) NOT NULL,

`Nombre` VARCHAR(45) NOT NULL,

`Direccion` VARCHAR(45) NOT NULL,

`Telefono` VARCHAR(45) NOT NULL,

`Fecha\_nacimiento` VARCHAR(45) NOT NULL,

`e\_mail` VARCHAR(45) NOT NULL,

`Tutor` VARCHAR(45) NULL,

`Estado` VARCHAR(45) NULL COMMENT 'si es condicional o aceptado',

PRIMARY KEY (`DNI`))

ENGINE = InnoDB;

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-- Table `111Mil`.`Cursos\_has\_Alumnos`

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

CREATE TABLE IF NOT EXISTS `111Mil`.`Cursos\_has\_Alumnos` (

`Cursos\_idCursos` INT NOT NULL,

`Alumnos\_DNI` VARCHAR(8) NOT NULL,

`Nota` VARCHAR(45) NULL,

`Num\_inscripcion` VARCHAR(45) NULL,

PRIMARY KEY (`Cursos\_idCursos`, `Alumnos\_DNI`),

INDEX `fk\_Cursos\_has\_Alumnos\_Alumnos1\_idx` (`Alumnos\_DNI` ASC) VISIBLE,

INDEX `fk\_Cursos\_has\_Alumnos\_Cursos\_idx` (`Cursos\_idCursos` ASC) VISIBLE,

CONSTRAINT `fk\_Cursos\_has\_Alumnos\_Cursos`

FOREIGN KEY (`Cursos\_idCursos`)

REFERENCES `111Mil`.`Cursos` (`idCursos`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Cursos\_has\_Alumnos\_Alumnos1`

FOREIGN KEY (`Alumnos\_DNI`)

REFERENCES `111Mil`.`Alumnos` (`DNI`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `111Mil`.`Certificados`

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CREATE TABLE IF NOT EXISTS `111Mil`.`Certificados` (

`idCertificados` INT NOT NULL AUTO\_INCREMENT,

`Firma\_prof` VARCHAR(45) NULL,

`Firma\_dir` VARCHAR(45) NULL,

`Tipo` VARCHAR(45) NULL,

`Cursos\_idCursos` INT NOT NULL,

`Num\_cupon` VARCHAR(45) NULL,

`Condicion` VARCHAR(45) NULL COMMENT 'alumno o profesor\n',

PRIMARY KEY (`idCertificados`, `Cursos\_idCursos`),

INDEX `fk\_Certificados\_Cursos1\_idx` (`Cursos\_idCursos` ASC) VISIBLE,

CONSTRAINT `fk\_Certificados\_Cursos1`

FOREIGN KEY (`Cursos\_idCursos`)

REFERENCES `111Mil`.`Cursos` (`idCursos`)

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;