

-- 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 mydb

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-- Schema ej1tienda

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CREATE SCHEMA IF NOT EXISTS `ej1tienda` DEFAULT CHARACTER SET latin1 ;

USE `ej1tienda` ;

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-- Table `ej1tienda`.`TblCliente`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblCliente` (

`idCliente` INT NOT NULL AUTO\_INCREMENT,

`Nombre` VARCHAR(45) NOT NULL,

`Direccion` VARCHAR(45) NOT NULL,

`Telefono` VARCHAR(45) NULL,

PRIMARY KEY (`idCliente`))

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblProductos`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblProductos` (

`IdProducto` INT NOT NULL AUTO\_INCREMENT,

`Descripcion` VARCHAR(45) NOT NULL,

`Precio` INT NOT NULL,

`Stock` INT NOT NULL,

PRIMARY KEY (`IdProducto`))

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblProveedor`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblProveedor` (

`IdProveedor` INT NOT NULL AUTO\_INCREMENT,

`Nombre` VARCHAR(45) NOT NULL,

`Direccion` VARCHAR(45) NOT NULL,

`Telefono` VARCHAR(45) NULL,

PRIMARY KEY (`IdProveedor`))

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblEncCompra`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblEncCompra` (

`IdDocumento` INT NOT NULL,

`IdProveedor` INT NOT NULL,

`Fecha` DATE NULL,

PRIMARY KEY (`IdDocumento`),

INDEX `proveesor\_idx` (`IdProveedor` ASC),

CONSTRAINT `proveedor`

FOREIGN KEY (`IdProveedor`)

REFERENCES `ej1tienda`.`TblProveedor` (`IdProveedor`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblDetCompra`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblDetCompra` (

`IdDocumento` INT NOT NULL,

`IdProveedor` INT NOT NULL,

`IdProducto` INT NOT NULL,

`Cantidad` INT NOT NULL,

`Precio` INT NOT NULL,

PRIMARY KEY (`IdDocumento`),

INDEX `producto\_idx` (`IdProducto` ASC),

CONSTRAINT `detallecompra`

FOREIGN KEY (`IdDocumento`)

REFERENCES `ej1tienda`.`TblEncCompra` (`IdDocumento`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `producto`

FOREIGN KEY (`IdProducto`)

REFERENCES `ej1tienda`.`TblProductos` (`IdProducto`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblEncVenta`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblEncVenta` (

`IdDocumento` INT NOT NULL,

`IdCliente` INT NOT NULL,

`Fecha` DATE NOT NULL,

PRIMARY KEY (`IdDocumento`),

INDEX `idcliente\_idx` (`IdCliente` ASC),

CONSTRAINT `idcliente`

FOREIGN KEY (`IdCliente`)

REFERENCES `ej1tienda`.`TblCliente` (`idCliente`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `ej1tienda`.`TblDetVenta`

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CREATE TABLE IF NOT EXISTS `ej1tienda`.`TblDetVenta` (

`Iddocumento` INT NOT NULL,

`Idcliente` INT NOT NULL,

`idproducto` INT NOT NULL,

`precio` INT NOT NULL,

`cantidad` INT NOT NULL,

PRIMARY KEY (`Iddocumento`),

INDEX `idproducto\_idx` (`idproducto` ASC),

CONSTRAINT `iddocumento`

FOREIGN KEY (`Iddocumento`)

REFERENCES `ej1tienda`.`TblEncVenta` (`IdDocumento`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `idproducto`

FOREIGN KEY (`idproducto`)

REFERENCES `ej1tienda`.`TblProductos` (`IdProducto`)

ON DELETE NO ACTION

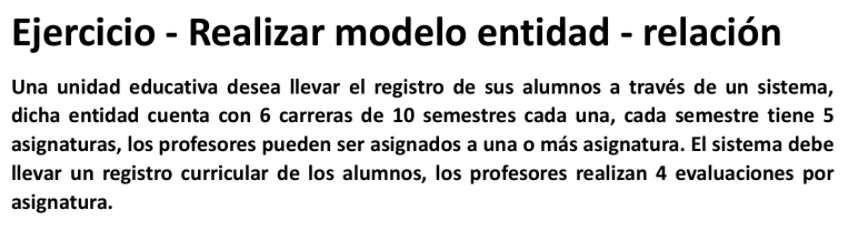
ON UPDATE NO ACTION)

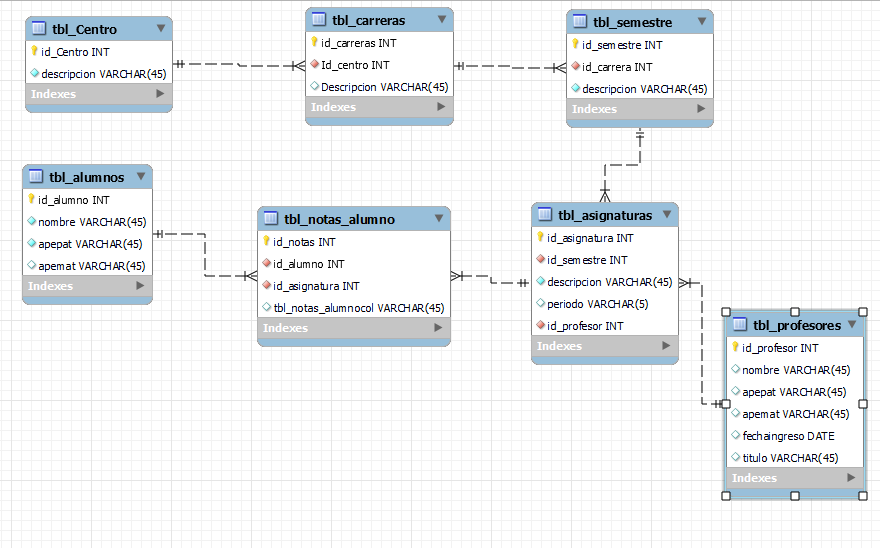
ENGINE = InnoDB;

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

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

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





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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

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

USE `mydb` ;

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-- Table `mydb`.`tbl\_Centro`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_Centro` (

`id\_Centro` INT NOT NULL AUTO\_INCREMENT,

`descripcion` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id\_Centro`))

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_carreras`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_carreras` (

`id\_carreras` INT NOT NULL AUTO\_INCREMENT,

`Id\_centro` INT NOT NULL,

`Descripcion` VARCHAR(45) NULL,

PRIMARY KEY (`id\_carreras`),

INDEX `centro\_idx` (`Id\_centro` ASC),

CONSTRAINT `centro`

FOREIGN KEY (`Id\_centro`)

REFERENCES `mydb`.`tbl\_Centro` (`id\_Centro`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_semestre`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_semestre` (

`id\_semestre` INT NOT NULL AUTO\_INCREMENT,

`id\_carrera` INT NOT NULL,

`descripcion` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id\_semestre`),

INDEX `carrera\_idx` (`id\_carrera` ASC),

CONSTRAINT `carrera`

FOREIGN KEY (`id\_carrera`)

REFERENCES `mydb`.`tbl\_carreras` (`id\_carreras`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_profesores`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_profesores` (

`id\_profesor` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(45) NULL,

`apepat` VARCHAR(45) NULL,

`apemat` VARCHAR(45) NULL,

`fechaingreso` DATE NULL,

`titulo` VARCHAR(45) NULL,

PRIMARY KEY (`id\_profesor`))

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_asignaturas`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_asignaturas` (

`id\_asignatura` INT NOT NULL,

`id\_semestre` INT NOT NULL,

`descripcion` VARCHAR(45) NOT NULL,

`periodo` VARCHAR(5) NULL,

`id\_profesor` INT NOT NULL,

PRIMARY KEY (`id\_asignatura`),

INDEX `semestre\_idx` (`id\_semestre` ASC),

INDEX `profesor\_idx` (`id\_profesor` ASC),

CONSTRAINT `semestre`

FOREIGN KEY (`id\_semestre`)

REFERENCES `mydb`.`tbl\_semestre` (`id\_semestre`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `profesor`

FOREIGN KEY (`id\_profesor`)

REFERENCES `mydb`.`tbl\_profesores` (`id\_profesor`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_alumnos`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_alumnos` (

`id\_alumno` INT NOT NULL,

`nombre` VARCHAR(45) NOT NULL,

`apepat` VARCHAR(45) NOT NULL,

`apemat` VARCHAR(45) NULL,

PRIMARY KEY (`id\_alumno`))

ENGINE = InnoDB;

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-- Table `mydb`.`tbl\_notas\_alumno`

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CREATE TABLE IF NOT EXISTS `mydb`.`tbl\_notas\_alumno` (

`id\_notas` INT NOT NULL,

`id\_alumno` INT NOT NULL,

`id\_asignatura` INT NOT NULL,

`tbl\_notas\_alumnocol` VARCHAR(45) NULL,

PRIMARY KEY (`id\_notas`),

INDEX `alumno\_idx` (`id\_alumno` ASC),

INDEX `asignaturas\_idx` (`id\_asignatura` ASC),

CONSTRAINT `alumno`

FOREIGN KEY (`id\_alumno`)

REFERENCES `mydb`.`tbl\_alumnos` (`id\_alumno`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `asignaturas`

FOREIGN KEY (`id\_asignatura`)

REFERENCES `mydb`.`tbl\_asignaturas` (`id\_asignatura`)

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;