```sql
-- Ejercicio 1


CREATE DATABASE IF NOT EXISTS actividades_deportivas;

USE actividades_deportivas;


CREATE TABLE SALA (

        Cod_Sala INTEGER UNSIGNED PRIMARY KEY AUTO_INCREMENT,

    Nombre VARCHAR(40) NOT NULL,

        Tamaño DECIMAL(6,2) NOT NULL COMMENT "Metros cuadrados"

);


CREATE TABLE  MONITOR (

        DNI CHAR(9) PRIMARY KEY,

    Nombre VARCHAR(40) NOT NULL,

        Telef_contacto CHAR(9) NOT NULL,

        Especialidad ENUM("Tenis", "Fútbol") NOT NULL

);


CREATE TABLE ACTIVIDAD (

        Cod_Act INTEGER UNSIGNED AUTO_INCREMENT PRIMARY KEY,

    Nombre VARCHAR(40) NOT NULL,

    Temporada ENUM("Primavera", "Veran", "Outono") NOT NULL,

    Descripcion VARCHAR(500) NOT NULL

);



CREATE TABLE CONDUCE (

        Cod_Sala INTEGER, -- no estamos poniendo not null en los que son clave primaria pero vamos que se podria poner y no estaría mal

    Cod_Act INTEGER,

    DNI VARCHAR(9),

    Fecha DATE,
```

```
    Hora_Inicio TIME,

    Hora_Fin TIME NOT NULL,

    CONSTRAINT CONDUCE_PK PRIMARY KEY (Cod_Sala, Cod_Act, DNI, Fecha, Hora_Inicio),

    CONSTRAINT CONDUCE_FK_SALA

                FOREIGN KEY (Cod_Sala) REFERENCES SALA (Cod_Sala)

        ON DELETE RESTRICT

        ON UPDATE RESTRICT,

            CONSTRAINT CONDUCE_FK_MONITOR_FK

                    FOREIGN KEY (DNI) REFERENCES MONITOR (DNI)

        ON DELETE RESTRICT

        ON UPDATE RESTRICT,

            CONSTRAINT CONDUCE_ACTIVIDAD_FK

                    FOREIGN KEY (Cod_Act) REFERENCES ACTIVIDAD (Cod_Act)

        ON DELETE RESTRICT

        ON UPDATE RESTRICT
);


-- Ejercicio 2

CREATE DATABASE COCINA;
USE COCINA;


CREATE TABLE EMPLEADO (
        DNI CHAR(9) PRIMARY KEY,
        NOME VARCHAR(30) NOT NULL,
    DATA_INI_CONTRATO DATE NOT NULL,
    DATA_FIN_CONTRATO DATE NOT NULL,
    DATA_FIN_CONTRATO DATE NULL,
    COD_MONTADOR INTEGER NULL UNIQUE
);
```

```sql
CREATE TABLE DISENADOR(
        DNI CHAR(9) PRIMARY KEY,
    FOREIGN KEY (DNI) REFERENCES EMPLEADO(DNI)
    ON UPDATE RESTRICT
    ON DELETE RESTRICT
);


CREATE TABLE CLIENTE (
        COD INTEGER AUTO_INCREMENT,
    Nombre VARCHAR(200) NOT NULL,
    CONSTRAINT CLIENTE_PK
    PRIMARY KEY (COD)
);

CREATE TABLE COCINA (
        COD INTEGER AUTO_INCREMENT,
    Colores SET("BLANCO", "AZUL", "NEGRO") NOT NULL,
    MATERIAL ENUM("Mármol", "Madera", "Aglomerado") NOT NULL,
    ESTRUCTURA VARCHAR(30) NOT NULL,
    PAGADO ENUM("S", "N") COMMENT "El s es de si el n es de no",
    DNI_EMPLEADO CHAR(9) COMMENT "DNI DEL DISEÑADR",
    PRIMARY KEY (COD),
    FOREIGN KEY (DNI_EMPLEADO)
                REFERENCES DISENADOR(DNI)
        ON DELETE RESTRICT
        ON UPDATE RESTRICT,
            FOREIGN KEY (COD_CLIENTE)
                REFERENCES CLIENTE(COD)
                ON UPDATE CASCADE
        ON DELETE CASCADE
```

```
);


CREATE TABLE PREFIERE(
        DNI_DISENADOR CHAR(9),
   COD_CLIENTE INTEGER,
   CONSTRAINT PREFIERE_PK
               PRIMARY KEY (DNI_DISENADOR, COD_CLIENTE),
        CONSTRAINT PREFIERE_FK_DISENADOR
               FOREIGN KEY (DNI_DISENADOR)
               REFERENCES DISENADOR(DNI)
      ON DELETE RESTRICT
      ON CASCADE RESTRICT
);


CREATE TABLE ELECTRODOMESTICO(
        COD INTEGER AUTO_INCREMENT PRIMARY KEY,
   TIPO ENUM("","","") NOT NULL,
   MARCA ENUM("","","") NOT NULL -- O VARCHAR, LO Q QUIERAS PORQUE NO DICE NADA
);


CREATE TABLE MONTA_ELECTRODOMESTICO (
        COD_COCINA  INTEGER,
   DNI_MONTADOR     CHAR(9) NOT NULL,
   COD_ELECTRODOMESTICO INTEGER,
   CONSTRAINT MONTA_ELECTRODOMESTICO_PK
               PRIMARY KEY (COD_COCINA, COD_ELECTRODOMESTICO),
        CONSTRAINT MONTA_ELECTRODOMESTICO_FK_COCINA
               FOREIGN KEY (COD_COCINA)
     REFERENCES COCINA (COD)
     ON DELETE RESTRICT
     ON UPDATE RESTRICT,
        CONSTRAINT MONTA_ELECTRODOMESTICO_FK_MONTADOR
```

```
        FOREIGN KEY (DNI_MONTADOR)

   REFERENCES MONTADOR(DNI)

   ON DELETE RESTRICT

   ON UPDATE RESTRICT,
        CONSTRAINT MONTA_ELECTRODOMESTICO_FK_ELECTRODOMESTICO
            FOREIGN KEY (COD_ELECTRODOMESTICO)

   REFERENCES ELECTRODOMESTICO(COD)

   ON UPDATE RESTRICT

   ON DELETE RESTRICT

);


CREATE TABLE MONTA_MUEBLE (

        COD_COCINA INTEGER,

   DNI_MONTADOR CHAR (9),

   FECHA            TIME,

   HORA_INI    TIME,

   HORA_FIN   TIME NOT NULL,

   PRIMARY KEY (COD_COCINA, DNI_MONTADOR, FECHA, HORA_INI),

   FOREIGN KEY (COD_COCINA)

            REFERENCES COCINA(COD)

      ON DELETE RESTRICT

      ON UPDATE RESTRICT,
        FOREIGN KEY (DNI_MONTADOR)
            REFERENCES MONTADOR (DNI_MONTADOR)

      ON DELETE RESTRICT

      ON UPDATE RESTRICT

);



-- Ejercicio 3


CREATE DATABASE IF NOT EXISTS MEDICOS;
```

```
USE MEDICOS;


CREATE TABLE PACIENTE(
        NSS CHAR(25) NOT NULL,
   Nome VARCVHAR(50) NOT NULL,
   Apelidos VARCHAR(50) NOT NULL,
   DNI CHAR(9) NOT NULL UNIQUE,
   DataNacemento DATE



cr
```