```sql
-- Exercise 1
-- create database liga;
-- create table liga.referee (
--     refereeCode varchar(18) not null,
--     name        varchar(30) not null,
--     constraint pk_referee primary key (refereeCode));
-- table city
create table liga.city (
countryCode       char(4) not null default '0034',
cityCode          char(2) not null,
name              varchar(40) not null,
population        int not null,
constraint pk_city primary key (countryCode, cityCode),
constraint chk_population check (population > 0));


-- table team
create table liga.team (
teamCode      char(3) not null,
name          varchar(20) not null,
countryTeam   char(4) null,
cityteam      char(2) null,
constraint pk_team primary key (teamCode),
constraint fk_team_city foreign key (countryTeam,cityTeam)
        references city (countryCode,cityCode)
        on delete set null
        on update cascade);
-- table match
create table liga.match (
idMatch           int auto_increment not null,
homeTeam          char(3) not null,
visitingTeam      char(3) not null,
referee           varchar(18) not null,
homeScore         tinyint  not null,
visitingScore     tinyint not null,
constraint pk_match primary key (idMatch),
constraint fk_match_team_local foreign key(homeTeam) references
              team(teamCode) on delete restrict,
constraint fk_match_team_visitor foreign key(visitingTeam) references
              team(teamCode) on delete restrict,
constraint fk_match_referee foreign key(referee) references
              referee(refereeCode) on delete restrict);

-- Exercise 2
drop table liga.match;
drop table liga.referee;
drop table liga.team;
drop table liga.city;



-- Excercise 3
alter table liga.referee add column country char(4) not null first;
alter table liga.match drop fk_match_referee;
alter table liga.referee drop primary key;
alter table liga.referee
        add constraint pk_referee primary key (country,refereeCode);
alter table liga.match add column country char(4) not null;
alter table liga.match add
```

```sql
    constraint fk_match_referee foreign key (country,referee)
    references referee (country,refereeCode)
    on delete restrict;

-- exercise 4
create user alumno@localhost identified by 'admin';
grant select on liga.* to alumno with grant option;
grant insert on liga.match to alumno;
grant update (homeScore,visitingScore) on liga.match to alumno;
```