```
-- Emily Van Laarhoven, MR Ngo
-- HW2 library.sql

use evanlaar_db;

drop table if exists patron;
create table patron(
       pid integer auto_increment primary key,
       nm varchar(50) not null,
       balance decimal(3,2) default 0,
       street varchar(50) not null,
       city varchar(50) not null,
       )
       ENGINE = InnoDB;

drop table if exists sponsors;
create table sponsors(
       minor_id integer,
       sponsor_id integer,
       until date,
       INDEX(minor_id),
       foreign key (minor_id) references patron(pid) on delete restrict,
       INDEX(sponsor_id),
       foreign key (sponsor_id) references patron(pid) on delete restrict,
       )
       ENGINE = InnoDB;

drop table if exists inventory;
create table inventory(
       cid integer auto_increment primary key,
       title varchar(100),
       pub_date date,
       author_artist varchar(100),
       item_type enum('book','cd','tape','dvd'),
       availability tinyint(1) -- bool (0=not available)
       )
       ENGINE = InnoDB;

drop table if exists borrows;
create table borrows(
       pid integer not null,
       INDEX(pid),
       foreign key (pid) references patron(pid) on delete restrict,
       cid integer unique not null, -- unique (only one person checks out)
       INDEX(cid),
       foreign key (cid) references inventory(cid) on delete restrict,
       due_date date,
       )
       ENGINE = InnoDB;
```