-- 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='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema mydb

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-- Schema bookstore

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-- Schema bookstore

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

USE `bookstore` ;

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-- Table `bookstore`.`book\_authors`

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CREATE TABLE IF NOT EXISTS `bookstore`.`book\_authors` (

  `book\_id` VARCHAR(45) NOT NULL,

  `author\_name` VARCHAR(45) NOT NULL,

  `type` INT(11) NULL DEFAULT NULL,

  PRIMARY KEY (`book\_id`, `author\_name`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `bookstore`.`book\_copies`

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CREATE TABLE IF NOT EXISTS `bookstore`.`book\_copies` (

  `book\_id` VARCHAR(45) NOT NULL,

  `branch\_id` INT(11) NOT NULL,

  `no\_of\_copies` INT(11) NULL DEFAULT NULL,

  PRIMARY KEY (`book\_id`, `branch\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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-- Table `bookstore`.`book\_loans`

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CREATE TABLE IF NOT EXISTS `bookstore`.`book\_loans` (

  `loan\_id` INT(11) NOT NULL AUTO\_INCREMENT,

  `book\_id` VARCHAR(45) NULL DEFAULT NULL,

  `branch\_id` VARCHAR(45) NULL DEFAULT NULL,

  `card\_no` VARCHAR(45) NULL DEFAULT NULL,

  `date\_out` VARCHAR(45) NULL DEFAULT NULL,

  `due\_date` VARCHAR(45) NULL DEFAULT NULL,

  `date\_in` VARCHAR(45) NULL DEFAULT NULL,

  PRIMARY KEY (`loan\_id`))

ENGINE = InnoDB

AUTO\_INCREMENT = 10

DEFAULT CHARACTER SET = latin1;

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-- Table `bookstore`.`books`

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CREATE TABLE IF NOT EXISTS `bookstore`.`books` (

  `book\_id` VARCHAR(45) NOT NULL,

  `title` VARCHAR(100) NULL DEFAULT NULL,

  PRIMARY KEY (`book\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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-- Table `bookstore`.`borrower`

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CREATE TABLE IF NOT EXISTS `bookstore`.`borrower` (

  `card\_no` INT(11) NOT NULL,

  `fname` VARCHAR(45) NULL DEFAULT NULL,

  `lname` VARCHAR(45) NULL DEFAULT NULL,

  `address` VARCHAR(100) NULL DEFAULT NULL,

  `city` VARCHAR(45) NULL DEFAULT NULL,

  `state` VARCHAR(45) NULL DEFAULT NULL,

  `phone` VARCHAR(45) NULL DEFAULT NULL,

  PRIMARY KEY (`card\_no`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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-- Table `bookstore`.`fines`

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CREATE TABLE IF NOT EXISTS `bookstore`.`fines` (

  `loan\_id` INT(11) NOT NULL,

  `fine\_amt` VARCHAR(45) NULL DEFAULT NULL,

  `paid` VARCHAR(45) NULL DEFAULT NULL,

  PRIMARY KEY (`loan\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `bookstore`.`library\_branch`

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

CREATE TABLE IF NOT EXISTS `bookstore`.`library\_branch` (

  `branch\_id` INT(11) NOT NULL,

  `branch\_name` VARCHAR(45) NULL DEFAULT NULL,

  `address` VARCHAR(100) NULL DEFAULT NULL,

  PRIMARY KEY (`branch\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

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

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