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';

CREATE SCHEMA IF NOT EXISTS `elibrary` DEFAULT CHARACTER SET utf8 COLLATE utf8\_unicode\_ci ;

USE `elibrary` ;

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

-- Table `elibrary`.`resourcescategory`

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

CREATE TABLE IF NOT EXISTS `elibrary`.`resourcescategory` (

`ResourceCategoryID` INT(11) NOT NULL ,

`ResourceCategoryName` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

PRIMARY KEY (`ResourceCategoryID`) )

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8

COLLATE = utf8\_unicode\_ci;

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

-- Table `elibrary`.`speciality`

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

CREATE TABLE IF NOT EXISTS `elibrary`.`speciality` (

`SpecialityID` INT(11) NOT NULL ,

`SpecialityName` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

PRIMARY KEY (`SpecialityID`) )

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8

COLLATE = utf8\_unicode\_ci;

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

-- Table `elibrary`.`subjectcategory`

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

CREATE TABLE IF NOT EXISTS `elibrary`.`subjectcategory` (

`SubjectCategoryID` INT(11) NOT NULL ,

`SubjectCategoryName` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

PRIMARY KEY (`SubjectCategoryID`) )

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8

COLLATE = utf8\_unicode\_ci;

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

-- Table `elibrary`.`subject`

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

CREATE TABLE IF NOT EXISTS `elibrary`.`subject` (

`SubjectID` INT(11) NOT NULL ,

`SubjectCategoryID` INT(11) NULL DEFAULT NULL ,

`SpecialityID` INT(11) NULL DEFAULT NULL ,

`SubjectName` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`SubjectIntroduce` TEXT CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`CreditNumber` INT(11) NULL DEFAULT NULL ,

`Level` VARCHAR(45) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`PeriodOfTheory` INT(11) NULL DEFAULT NULL ,

`PeriodOfPractice` INT(11) NULL DEFAULT NULL ,

PRIMARY KEY (`SubjectID`) ,

INDEX `fk\_subject\_subjectcategory` (`SubjectCategoryID` ASC) ,

INDEX `fk\_subject\_speciality` (`SpecialityID` ASC) ,

CONSTRAINT `fk\_subject\_speciality`

FOREIGN KEY (`SpecialityID` )

REFERENCES `elibrary`.`speciality` (`SpecialityID` )

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_subject\_subjectcategory`

FOREIGN KEY (`SubjectCategoryID` )

REFERENCES `elibrary`.`subjectcategory` (`SubjectCategoryID` )

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8

COLLATE = utf8\_unicode\_ci;

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

-- Table `elibrary`.`resources`

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

CREATE TABLE IF NOT EXISTS `elibrary`.`resources` (

`ResourceID` INT(11) NOT NULL ,

`ResourceCategoryID` INT(11) NULL DEFAULT NULL ,

`SubjectID` INT(11) NULL DEFAULT NULL ,

`ResourceName` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`Size` INT(11) NULL DEFAULT NULL ,

`DownloadLink` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`ImageLink` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`Summary` VARCHAR(255) CHARACTER SET 'utf8' COLLATE 'utf8\_unicode\_ci' NULL DEFAULT NULL ,

`PostDate` DATE NULL DEFAULT NULL ,

`ViewerNumber` INT(11) NULL DEFAULT NULL ,

`DownloadNumber` INT(11) NULL DEFAULT NULL ,

PRIMARY KEY (`ResourceID`) ,

INDEX `fk\_resource\_resourcecategory` (`ResourceCategoryID` ASC) ,

INDEX `fk\_resource\_subject` (`SubjectID` ASC) ,

CONSTRAINT `fk\_resource\_resourcecategory`

FOREIGN KEY (`ResourceCategoryID` )

REFERENCES `elibrary`.`resourcescategory` (`ResourceCategoryID` )

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_resource\_subject`

FOREIGN KEY (`SubjectID` )

REFERENCES `elibrary`.`subject` (`SubjectID` )

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8

COLLATE = utf8\_unicode\_ci;

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

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

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