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';

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

-- Schema mydb

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

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

-- Schema mydb

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

CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 COLLATE utf8\_general\_ci ;

USE `mydb` ;

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

-- Table `mydb`.`student`

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

CREATE TABLE IF NOT EXISTS `mydb`.`student` (

`studentNo` INT NOT NULL COMMENT '',

`studentName` VARCHAR(45) NULL COMMENT '',

`subject` VARCHAR(45) NULL COMMENT '',

`level` VARCHAR(45) NULL COMMENT '',

PRIMARY KEY (`studentNo`) COMMENT '')

ENGINE = InnoDB;

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

-- Table `mydb`.`instructor`

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

CREATE TABLE IF NOT EXISTS `mydb`.`instructor` (

`instructorNo` INT NOT NULL COMMENT '',

`instructorName` VARCHAR(45) NULL COMMENT '',

PRIMARY KEY (`instructorNo`) COMMENT '')

ENGINE = InnoDB;

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

-- Table `mydb`.`course`

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

CREATE TABLE IF NOT EXISTS `mydb`.`course` (

`courseNo` INT NOT NULL COMMENT '',

`courseName` VARCHAR(45) NULL COMMENT '',

`level` VARCHAR(45) NULL COMMENT '',

`subject` VARCHAR(45) NULL COMMENT '',

`type` VARCHAR(45) NULL COMMENT '',

`instructorNo` INT NULL COMMENT '',

PRIMARY KEY (`courseNo`) COMMENT '',

INDEX `instructorNo\_idx` (`instructorNo` ASC) COMMENT '',

CONSTRAINT `instructor`

FOREIGN KEY (`instructorNo`)

REFERENCES `mydb`.`instructor` (`instructorNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`selection`

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

CREATE TABLE IF NOT EXISTS `mydb`.`selection` (

`selectionid` INT NOT NULL COMMENT '',

`studentNo` INT NULL COMMENT '',

`courseNo` INT NULL COMMENT '',

`instructorNo` INT NULL COMMENT '',

`rate` DOUBLE NULL COMMENT '',

`difficulty` DOUBLE NULL COMMENT '',

PRIMARY KEY (`selectionid`) COMMENT '',

INDEX `courseNo\_idx` (`courseNo` ASC) COMMENT '',

INDEX `instructorNo\_idx` (`instructorNo` ASC) COMMENT '',

INDEX `studentNo\_idx` (`studentNo` ASC) COMMENT '',

CONSTRAINT `selectedcourse`

FOREIGN KEY (`courseNo`)

REFERENCES `mydb`.`course` (`courseNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `courseinstructor`

FOREIGN KEY (`instructorNo`)

REFERENCES `mydb`.`instructor` (`instructorNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `selectedstudent`

FOREIGN KEY (`studentNo`)

REFERENCES `mydb`.`student` (`studentNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`tag`

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

CREATE TABLE IF NOT EXISTS `mydb`.`tag` (

`tagNo` INT NOT NULL COMMENT '',

`tagName` VARCHAR(45) NULL COMMENT '',

`relevancy` DOUBLE NULL COMMENT '',

`courseNo` INT NULL COMMENT '',

PRIMARY KEY (`tagNo`) COMMENT '',

INDEX `courseNo\_idx` (`courseNo` ASC) COMMENT '',

CONSTRAINT `coursetag`

FOREIGN KEY (`courseNo`)

REFERENCES `mydb`.`course` (`courseNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`drop`

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

CREATE TABLE IF NOT EXISTS `mydb`.`drop` (

`dropid` INT NOT NULL COMMENT '',

`courseNo` INT NULL COMMENT '',

`studentNo` INT NULL COMMENT '',

PRIMARY KEY (`dropid`) COMMENT '',

INDEX `courseNo\_idx` (`courseNo` ASC) COMMENT '',

INDEX `studentNo\_idx` (`studentNo` ASC) COMMENT '',

CONSTRAINT `dropcourse`

FOREIGN KEY (`courseNo`)

REFERENCES `mydb`.`course` (`courseNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `dropstudent`

FOREIGN KEY (`studentNo`)

REFERENCES `mydb`.`student` (`studentNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

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

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