-- 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='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

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-- Schema primaryschool

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CREATE SCHEMA IF NOT EXISTS `primaryschool` DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_0900\_ai\_ci ;

USE `primaryschool` ;

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-- Table `primaryschool`.`students`

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CREATE TABLE IF NOT EXISTS `primaryschool`.`students` (

`StudentID` INT NOT NULL,

`Name` VARCHAR(10) CHARACTER SET 'armscii8' NOT NULL,

`Last\_Name` VARCHAR(20) NOT NULL,

`year` INT NOT NULL,

`emergencycontact` BIGINT(10) NOT NULL,

`GPA` DOUBLE NULL,

PRIMARY KEY (`StudentID`),

UNIQUE INDEX `studentID\_UNIQUE` (`StudentID` ASC) VISIBLE)

ENGINE = InnoDB;

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-- Table `primaryschool`.`grades`

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CREATE TABLE IF NOT EXISTS `primaryschool`.`grades` (

`subjectID` INT(2) NOT NULL,

`SubjectName` VARCHAR(20) NOT NULL,

`year` INT NOT NULL,

`TeacherID` INT NOT NULL,

`Mark` DOUBLE NOT NULL,

PRIMARY KEY (`subjectID`),

UNIQUE INDEX `SubjectName\_UNIQUE` (`SubjectName` ASC) VISIBLE,

UNIQUE INDEX `subjectID\_UNIQUE` (`subjectID` ASC) VISIBLE)

ENGINE = InnoDB;

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-- Table `primaryschool`.`teachers`

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CREATE TABLE IF NOT EXISTS `primaryschool`.`teachers` (

`TeacherID` INT NOT NULL,

`Name` VARCHAR(10) NOT NULL,

`Last\_Name` VARCHAR(20) NOT NULL,

`Subject` VARCHAR(10) NOT NULL,

`Salary` DOUBLE NOT NULL,

`RoomID` INT NOT NULL,

`Year` INT NOT NULL,

PRIMARY KEY (`TeacherID`, `Year`),

UNIQUE INDEX `TeacherID\_UNIQUE` (`TeacherID` ASC) VISIBLE)

ENGINE = InnoDB;

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

-- Table `primaryschool`.`ClassRoom`

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CREATE TABLE IF NOT EXISTS `primaryschool`.`ClassRoom` (

`RoomID` INT NOT NULL,

`Year` INT NOT NULL,

`Subject` VARCHAR(10) NOT NULL,

`TeacherID` INT NOT NULL,

PRIMARY KEY (`RoomID`),

UNIQUE INDEX `RoomID\_UNIQUE` (`RoomID` ASC) VISIBLE)

ENGINE = InnoDB;

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-- Table `primaryschool`.`Schedule`

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CREATE TABLE IF NOT EXISTS `primaryschool`.`Schedule` (

`TeacherID` INT NOT NULL,

`RoomID` INT NOT NULL,

`Time` INT NOT NULL,

`Year` INT NOT NULL,

PRIMARY KEY (`TeacherID`, `Time`),

UNIQUE INDEX `Time\_UNIQUE` (`Time` ASC) VISIBLE)

ENGINE = InnoDB;

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

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

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