-- 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';

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

-- Schema mydb

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

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

-- Schema retro\_dvd\_vhs

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

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

-- Schema retro\_dvd\_vhs

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

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

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

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

USE `retro\_dvd\_vhs` ;

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

-- Table `retro\_dvd\_vhs`.`actor`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`actor` (

`actor\_id` INT NOT NULL,

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

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

PRIMARY KEY (`actor\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`category`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`category` (

`category\_id` INT NOT NULL,

`name` VARCHAR(45) NOT NULL,

PRIMARY KEY (`category\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`store`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`store` (

`store\_id` INT NOT NULL,

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

PRIMARY KEY (`store\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`customer`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`customer` (

`costumer\_id` INT NOT NULL,

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

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

`store\_id` INT NOT NULL,

`phone` VARCHAR(16) NOT NULL,

`email` VARCHAR(45) NOT NULL,

`store\_store\_id` INT NOT NULL,

PRIMARY KEY (`costumer\_id`, `store\_store\_id`),

INDEX `fk\_customer\_store1\_idx` (`store\_store\_id` ASC) VISIBLE,

CONSTRAINT `fk\_customer\_store1`

FOREIGN KEY (`store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`store` (`store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`film`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`film` (

`film\_id` INT NOT NULL,

`title` VARCHAR(60) NOT NULL,

`description` LONGTEXT NOT NULL,

`release\_year` BIGINT NOT NULL,

`language\_id` INT NOT NULL,

`rental\_duration` INT NOT NULL,

`rental\_price` DOUBLE NOT NULL,

`length` INT NOT NULL,

`replacement\_cost` DOUBLE NOT NULL,

`rating` VARCHAR(45) NOT NULL,

`special\_features` VARCHAR(60) NOT NULL,

`category\_category\_id` INT NOT NULL,

PRIMARY KEY (`film\_id`, `category\_category\_id`),

INDEX `fk\_film\_category1\_idx` (`category\_category\_id` ASC) VISIBLE,

CONSTRAINT `fk\_film\_category1`

FOREIGN KEY (`category\_category\_id`)

REFERENCES `retro\_dvd\_vhs`.`category` (`category\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`hdd`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`hdd` (

`title` VARCHAR(60) NOT NULL,

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

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

`release\_year` BIGINT NOT NULL,

`category\_id` INT NOT NULL)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`inventory`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`inventory` (

`inventory\_id` INT NOT NULL,

`film\_id` INT NOT NULL,

`store\_id` INT NOT NULL,

`film\_film\_id` INT NOT NULL,

`film\_category\_category\_id` INT NOT NULL,

`store\_store\_id` INT NOT NULL,

PRIMARY KEY (`inventory\_id`, `film\_film\_id`, `film\_category\_category\_id`, `store\_store\_id`),

INDEX `fk\_inventory\_film1\_idx` (`film\_film\_id` ASC, `film\_category\_category\_id` ASC) VISIBLE,

INDEX `fk\_inventory\_store1\_idx` (`store\_store\_id` ASC) VISIBLE,

CONSTRAINT `fk\_inventory\_film1`

FOREIGN KEY (`film\_film\_id` , `film\_category\_category\_id`)

REFERENCES `retro\_dvd\_vhs`.`film` (`film\_id` , `category\_category\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_inventory\_store1`

FOREIGN KEY (`store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`store` (`store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`language`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`language` (

`language\_id` INT NOT NULL,

`audio\_type` VARCHAR(6) NOT NULL,

`audio\_language` VARCHAR(25) NOT NULL,

`subtitle\_Y/N` VARCHAR(1) NOT NULL,

`subtitle\_language` VARCHAR(25) NOT NULL,

PRIMARY KEY (`language\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`staff`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`staff` (

`staff\_id` INT NOT NULL,

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

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

`phone` VARCHAR(45) NOT NULL,

`email` VARCHAR(45) NOT NULL,

`hire\_date` DATE NOT NULL,

`store\_id` INT NOT NULL,

`store\_store\_id` INT NOT NULL,

PRIMARY KEY (`staff\_id`, `store\_store\_id`),

INDEX `fk\_staff\_store1\_idx` (`store\_store\_id` ASC) VISIBLE,

CONSTRAINT `fk\_staff\_store1`

FOREIGN KEY (`store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`store` (`store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`rental`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`rental` (

`rental\_id` INT NOT NULL,

`return\_date` DATETIME NOT NULL,

`rental\_date` DATETIME NOT NULL,

`inventory\_id` INT NOT NULL,

`customer\_id` INT NOT NULL,

`staff\_id` INT NOT NULL,

`store\_store\_id` INT NOT NULL,

`customer\_costumer\_id` INT NOT NULL,

`customer\_store\_store\_id` INT NOT NULL,

`staff\_staff\_id` INT NOT NULL,

`staff\_store\_store\_id` INT NOT NULL,

PRIMARY KEY (`rental\_id`, `store\_store\_id`, `customer\_costumer\_id`, `customer\_store\_store\_id`, `staff\_staff\_id`, `staff\_store\_store\_id`),

INDEX `fk\_rental\_store1\_idx` (`store\_store\_id` ASC) VISIBLE,

INDEX `fk\_rental\_customer1\_idx` (`customer\_costumer\_id` ASC, `customer\_store\_store\_id` ASC) VISIBLE,

INDEX `fk\_rental\_staff1\_idx` (`staff\_staff\_id` ASC, `staff\_store\_store\_id` ASC) VISIBLE,

CONSTRAINT `fk\_rental\_store1`

FOREIGN KEY (`store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`store` (`store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_rental\_customer1`

FOREIGN KEY (`customer\_costumer\_id` , `customer\_store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`customer` (`costumer\_id` , `store\_store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_rental\_staff1`

FOREIGN KEY (`staff\_staff\_id` , `staff\_store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`staff` (`staff\_id` , `store\_store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`film\_has\_actor`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`film\_has\_actor` (

`film\_film\_id` INT NOT NULL,

`actor\_actor\_id` INT NOT NULL,

PRIMARY KEY (`film\_film\_id`, `actor\_actor\_id`),

INDEX `fk\_film\_has\_actor\_actor1\_idx` (`actor\_actor\_id` ASC) VISIBLE,

INDEX `fk\_film\_has\_actor\_film\_idx` (`film\_film\_id` ASC) VISIBLE,

CONSTRAINT `fk\_film\_has\_actor\_film`

FOREIGN KEY (`film\_film\_id`)

REFERENCES `retro\_dvd\_vhs`.`film` (`film\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_film\_has\_actor\_actor1`

FOREIGN KEY (`actor\_actor\_id`)

REFERENCES `retro\_dvd\_vhs`.`actor` (`actor\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`film\_has\_language`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`film\_has\_language` (

`film\_film\_id` INT NOT NULL,

`language\_language\_id` INT NOT NULL,

PRIMARY KEY (`film\_film\_id`, `language\_language\_id`),

INDEX `fk\_film\_has\_language\_language1\_idx` (`language\_language\_id` ASC) VISIBLE,

INDEX `fk\_film\_has\_language\_film1\_idx` (`film\_film\_id` ASC) VISIBLE,

CONSTRAINT `fk\_film\_has\_language\_film1`

FOREIGN KEY (`film\_film\_id`)

REFERENCES `retro\_dvd\_vhs`.`film` (`film\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_film\_has\_language\_language1`

FOREIGN KEY (`language\_language\_id`)

REFERENCES `retro\_dvd\_vhs`.`language` (`language\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

-- Table `retro\_dvd\_vhs`.`inventory\_has\_rental`

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

CREATE TABLE IF NOT EXISTS `retro\_dvd\_vhs`.`inventory\_has\_rental` (

`inventory\_inventory\_id` INT NOT NULL,

`inventory\_film\_film\_id` INT NOT NULL,

`inventory\_film\_category\_category\_id` INT NOT NULL,

`inventory\_store\_store\_id` INT NOT NULL,

`rental\_rental\_id` INT NOT NULL,

`rental\_store\_store\_id` INT NOT NULL,

`rental\_customer\_costumer\_id` INT NOT NULL,

`rental\_customer\_store\_store\_id` INT NOT NULL,

`rental\_staff\_staff\_id` INT NOT NULL,

`rental\_staff\_store\_store\_id` INT NOT NULL,

PRIMARY KEY (`inventory\_inventory\_id`, `inventory\_film\_film\_id`, `inventory\_film\_category\_category\_id`, `inventory\_store\_store\_id`, `rental\_rental\_id`, `rental\_store\_store\_id`, `rental\_customer\_costumer\_id`, `rental\_customer\_store\_store\_id`, `rental\_staff\_staff\_id`, `rental\_staff\_store\_store\_id`),

INDEX `fk\_inventory\_has\_rental\_rental1\_idx` (`rental\_rental\_id` ASC, `rental\_store\_store\_id` ASC, `rental\_customer\_costumer\_id` ASC, `rental\_customer\_store\_store\_id` ASC, `rental\_staff\_staff\_id` ASC, `rental\_staff\_store\_store\_id` ASC) VISIBLE,

INDEX `fk\_inventory\_has\_rental\_inventory1\_idx` (`inventory\_inventory\_id` ASC, `inventory\_film\_film\_id` ASC, `inventory\_film\_category\_category\_id` ASC, `inventory\_store\_store\_id` ASC) VISIBLE,

CONSTRAINT `fk\_inventory\_has\_rental\_inventory1`

FOREIGN KEY (`inventory\_inventory\_id` , `inventory\_film\_film\_id` , `inventory\_film\_category\_category\_id` , `inventory\_store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`inventory` (`inventory\_id` , `film\_film\_id` , `film\_category\_category\_id` , `store\_store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_inventory\_has\_rental\_rental1`

FOREIGN KEY (`rental\_rental\_id` , `rental\_store\_store\_id` , `rental\_customer\_costumer\_id` , `rental\_customer\_store\_store\_id` , `rental\_staff\_staff\_id` , `rental\_staff\_store\_store\_id`)

REFERENCES `retro\_dvd\_vhs`.`rental` (`rental\_id` , `store\_store\_id` , `customer\_costumer\_id` , `customer\_store\_store\_id` , `staff\_staff\_id` , `staff\_store\_store\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4

COLLATE = utf8mb4\_0900\_ai\_ci;

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

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

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