-- 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 mydb

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CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

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-- Table `mydb`.`Art`

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

`Artist ID` INT NOT NULL,

`fname` VARCHAR(45) NOT NULL,

`mname` VARCHAR(45) NULL,

`lname` VARCHAR(45) NOT NULL,

`dob` VARCHAR(4) NULL,

`dod` VARCHAR(4) NULL,

`country` VARCHAR(45) NULL,

`local` VARCHAR(3) NOT NULL,

PRIMARY KEY (`Artist ID`))

ENGINE = InnoDB;

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-- Table `mydb`.`artwork`

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

`artwork\_id` INT NOT NULL,

`title` VARCHAR(25) NOT NULL,

`year` VARCHAR(6) NULL,

`period` VARCHAR(20) NULL,

`type` VARCHAR(20) NULL,

`file` VARCHAR(25) NULL,

`Artist ID` INT NOT NULL,

PRIMARY KEY (`artwork\_id`),

INDEX `fk\_artwork\_Art1\_idx` (`Artist ID` ASC) VISIBLE,

CONSTRAINT `fk\_artwork\_Art1`

FOREIGN KEY (`Artist ID`)

REFERENCES `mydb`.`Art` (`Artist ID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`keywords`

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

`keywords\_id` INT NOT NULL,

`keyword` VARCHAR(15) NULL,

PRIMARY KEY (`keywords\_id`))

ENGINE = InnoDB;

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-- Table `mydb`.`artwork\_has\_keywords`

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CREATE TABLE IF NOT EXISTS `mydb`.`artwork\_has\_keywords` (

`artwork\_id` INT NOT NULL,

`keywords\_id` INT NOT NULL,

PRIMARY KEY (`artwork\_id`, `keywords\_id`),

INDEX `fk\_artwork\_has\_keywords\_keywords1\_idx` (`keywords\_id` ASC) VISIBLE,

INDEX `fk\_artwork\_has\_keywords\_artwork1\_idx` (`artwork\_id` ASC) VISIBLE,

CONSTRAINT `fk\_artwork\_has\_keywords\_artwork1`

FOREIGN KEY (`artwork\_id`)

REFERENCES `mydb`.`artwork` (`artwork\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_artwork\_has\_keywords\_keywords1`

FOREIGN KEY (`keywords\_id`)

REFERENCES `mydb`.`keywords` (`keywords\_id`)

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;