

```

-- 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 bookpantry
-- -----
DROP SCHEMA IF EXISTS `bookpantry` ;

-- -----
-- Schema bookpantry
-- -----
CREATE SCHEMA IF NOT EXISTS `bookpantry` DEFAULT CHARACTER SET utf8mb3 ;
USE `bookpantry` ;

-- -----
-- Table `bookpantry`.`nationality`
-- -----
DROP TABLE IF EXISTS `bookpantry`.`nationality` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`nationality` (
  `CountryID` INT NOT NULL AUTO_INCREMENT,
  `Country` VARCHAR(25) NOT NULL,
  PRIMARY KEY (`CountryID`))
ENGINE = InnoDB
AUTO_INCREMENT = 5012
DEFAULT CHARACTER SET = utf8mb3;

-- -----
-- Table `bookpantry`.`authors`
-- -----
DROP TABLE IF EXISTS `bookpantry`.`authors` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`authors` (
  `authorID` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `authorFirstName` VARCHAR(45) NOT NULL,
  `authorLastName` VARCHAR(45) NOT NULL,
  `countryID` INT NOT NULL,
  PRIMARY KEY (`authorID`),
  INDEX `fk_Authors_Nationality1_idx` (`countryID` ASC) VISIBLE,
  CONSTRAINT `fk_Authors_Nationality1`
    FOREIGN KEY (`countryID`)
    REFERENCES `bookpantry`.`nationality` (`CountryID`))
ENGINE = InnoDB
AUTO_INCREMENT = 1029
DEFAULT CHARACTER SET = utf8mb3;

-- -----
-- Table `bookpantry`.`genres`
-- -----

```

```
DROP TABLE IF EXISTS `bookpantry`.`genres` ;
```

```
CREATE TABLE IF NOT EXISTS `bookpantry`.`genres` (  
  `genreID` INT UNSIGNED NOT NULL AUTO_INCREMENT,  
  `genreName` VARCHAR(45) NOT NULL,  
  `genreDesc` VARCHAR(100) NULL DEFAULT NULL,  
  PRIMARY KEY (`genreID`))  
ENGINE = InnoDB  
AUTO_INCREMENT = 3008  
DEFAULT CHARACTER SET = utf8mb3;
```

```
-----  
-- Table `bookpantry`.`publishers`  
-----
```

```
DROP TABLE IF EXISTS `bookpantry`.`publishers` ;
```

```
CREATE TABLE IF NOT EXISTS `bookpantry`.`publishers` (  
  `publisherID` INT UNSIGNED NOT NULL AUTO_INCREMENT,  
  `publisherName` VARCHAR(45) NOT NULL,  
  `StreetNoBuildingNo` VARCHAR(25) NULL,  
  `City` VARCHAR(20) NULL,  
  `ZipCode` VARCHAR(12) NULL,  
  `State` VARCHAR(25) NULL,  
  `countryID` INT NOT NULL,  
  PRIMARY KEY (`publisherID`),  
  INDEX `fk_Publishers_Nationality1_idx` (`countryID` ASC) VISIBLE,  
  CONSTRAINT `fk_Publishers_Nationality1`  
    FOREIGN KEY (`countryID`)  
    REFERENCES `bookpantry`.`nationality` (`CountryID`))  
ENGINE = InnoDB  
AUTO_INCREMENT = 6027  
DEFAULT CHARACTER SET = utf8mb3;
```

```
-----  
-- Table `bookpantry`.`books`  
-----
```

```
DROP TABLE IF EXISTS `bookpantry`.`books` ;
```

```
CREATE TABLE IF NOT EXISTS `bookpantry`.`books` (  
  `bookID` INT UNSIGNED NOT NULL AUTO_INCREMENT,  
  `book_title` VARCHAR(100) NOT NULL,  
  `price` DECIMAL(10,0) NOT NULL,  
  `publisherID` INT UNSIGNED NOT NULL,  
  `genreID` INT UNSIGNED NOT NULL,  
  PRIMARY KEY (`bookID`),  
  UNIQUE INDEX `bookID_UNIQUE` (`bookID` ASC) VISIBLE,  
  INDEX `fk_Books_Publishers1_idx` (`publisherID` ASC) VISIBLE,  
  INDEX `fk_Books_Genres1_idx` (`genreID` ASC) VISIBLE,  
  CONSTRAINT `fk_Books_Genres1`  
    FOREIGN KEY (`genreID`)  
    REFERENCES `bookpantry`.`genres` (`genreID`),  
  CONSTRAINT `fk_Books_Publishers1`  
    FOREIGN KEY (`publisherID`)  
    REFERENCES `bookpantry`.`publishers` (`publisherID`))  
ENGINE = InnoDB  
AUTO_INCREMENT = 2033  
DEFAULT CHARACTER SET = utf8mb3;
```

```

-----
-- Table `bookpantry`.`authors_has_books`
-----
DROP TABLE IF EXISTS `bookpantry`.`authors_has_books` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`authors_has_books` (
  `authorID` INT UNSIGNED NOT NULL,
  `bookID` INT UNSIGNED NOT NULL,
  PRIMARY KEY (`authorID`, `bookID`),
  INDEX `fk_Authors_has_Books_Books1_idx` (`bookID` ASC) VISIBLE,
  CONSTRAINT `fk_Authors_has_Books_Authors1`
    FOREIGN KEY (`authorID`)
      REFERENCES `bookpantry`.`authors` (`authorID`),
  CONSTRAINT `fk_Authors_has_Books_Books1`
    FOREIGN KEY (`bookID`)
      REFERENCES `bookpantry`.`books` (`bookID`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8mb3;

-----
-- Table `bookpantry`.`languages`
-----
DROP TABLE IF EXISTS `bookpantry`.`languages` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`languages` (
  `languageID` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `languageName` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`languageID`))
ENGINE = InnoDB
AUTO_INCREMENT = 4008
DEFAULT CHARACTER SET = utf8mb3;

-----
-- Table `bookpantry`.`books_has_languages`
-----
DROP TABLE IF EXISTS `bookpantry`.`books_has_languages` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`books_has_languages` (
  `bookID` INT UNSIGNED NOT NULL,
  `languageID` INT UNSIGNED NOT NULL,
  `BookPagesNo` INT UNSIGNED NOT NULL,
  `PublicationYear` INT UNSIGNED NOT NULL,
  `ISBN` VARCHAR(17) NOT NULL,
  INDEX `fk_Books_has_Languages_Languages1_idx` (`languageID` ASC) VISIBLE,
  INDEX `fk_Books_has_Languages_Books1_idx` (`bookID` ASC) INVISIBLE,
  PRIMARY KEY (`ISBN`),
  UNIQUE INDEX `ISBN_UNIQUE` (`ISBN` ASC) VISIBLE,
  CONSTRAINT `fk_Books_has_Languages_Books1`
    FOREIGN KEY (`bookID`)
      REFERENCES `bookpantry`.`books` (`bookID`),
  CONSTRAINT `fk_Books_has_Languages_Languages1`
    FOREIGN KEY (`languageID`)
      REFERENCES `bookpantry`.`languages` (`languageID`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8mb3;

```

```

-----
-- Table `bookpantry`.`users`
-----
DROP TABLE IF EXISTS `bookpantry`.`users` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`users` (
  `userID` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `userFirstName` VARCHAR(45) NOT NULL,
  `userLastName` VARCHAR(45) NOT NULL,
  `userDOB` DATE NOT NULL,
  `countryID` INT NOT NULL,
  PRIMARY KEY (`userID`),
  INDEX `fk_Users_Nationality1_idx` (`countryID` ASC) VISIBLE,
  CONSTRAINT `fk_Users_Nationality1`
    FOREIGN KEY (`countryID`)
      REFERENCES `bookpantry`.`nationality` (`CountryID`))
ENGINE = InnoDB
AUTO_INCREMENT = 8032
DEFAULT CHARACTER SET = utf8mb3;

-----
-- Table `bookpantry`.`ratings`
-----
DROP TABLE IF EXISTS `bookpantry`.`ratings` ;

CREATE TABLE IF NOT EXISTS `bookpantry`.`ratings` (
  `ratingID` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `ratingVal` INT UNSIGNED NOT NULL,
  `userID` INT UNSIGNED NOT NULL,
  `RatingDesc` VARCHAR(150) NULL,
  `ISBN` VARCHAR(17) NOT NULL,
  PRIMARY KEY (`ratingID`, `ISBN`),
  INDEX `fk_Ratings_Users_idx` (`userID` ASC) VISIBLE,
  INDEX `fk_ratings_books_has_languages1_idx` (`ISBN` ASC) VISIBLE,
  CONSTRAINT `fk_Ratings_Users`
    FOREIGN KEY (`userID`)
      REFERENCES `bookpantry`.`users` (`userID`),
  CONSTRAINT `fk_ratings_books_has_languages1`
    FOREIGN KEY (`ISBN`)
      REFERENCES `bookpantry`.`books_has_languages` (`ISBN`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8mb3;

SET SQL_MODE=@OLD_SQL_MODE;
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;

-- INSERT statements begin here

USE bookpantry;

/* Table 1: genres

```

Inserting Data to genres table. Genre table has info about different book genres and it's description and has a primary Key genreID.\*/

```
ALTER TABLE genres AUTO_INCREMENT = 1;
ALTER TABLE languages AUTO_INCREMENT = 1;
ALTER TABLE nationality AUTO_INCREMENT = 1;
ALTER TABLE users AUTO_INCREMENT = 1;
ALTER TABLE authors AUTO_INCREMENT = 1;
ALTER TABLE publishers AUTO_INCREMENT = 1;
ALTER TABLE books AUTO_INCREMENT = 1;
ALTER TABLE authors_has_books AUTO_INCREMENT = 1;
ALTER TABLE books_has_languages AUTO_INCREMENT = 1;
ALTER TABLE ratings AUTO_INCREMENT = 1;
```

```
INSERT INTO
genres (genreID, genreName, genreDesc)
VALUES
(1, 'Thriller', 'action packed and fast-paced with moments full of tension,
anxiety, and fear');
```

```
INSERT INTO genres
(genreID, genreName, genreDesc)
VALUES
(DEFAULT, 'Romance', 'emotionally satisfying and optimistic ending'),
(DEFAULT, 'Memoir', 'narrative, written from the perspective of the author, about
an important part of their life') ,
(DEFAULT, 'Non-fiction', 'literature that, regardless of the subject matter, has a
simple goal: to provide information') ,
(DEFAULT, 'Fiction', 'literature from the imagination, not as fact, may be based on
a true story or situation') ,
(DEFAULT, 'Drama', 'a category or genre of narrative fiction intended to be more
serious than humorous in tone') ,
(DEFAULT, 'Horror', 'meant to scare, startle, shock, and even repulse audiences'),
(DEFAULT, 'Historical Fiction', 'Historical Fiction is set in a real place, during
a culturally recognizable time. '),
(DEFAULT, 'Dystopian Literature', 'Speculative fiction that offers a vision of the
future' ),
(DEFAULT, 'Young Adult', 'category of fiction written for readers from 12 to 18
years of age'),
(DEFAULT, 'Science Fiction', 'often explores the potential consequences of
scientific, social, and other innovations') ,
(DEFAULT, 'Fantasy', 'fiction with supernatural or magical elements that do not
exist in the real world') ,
(DEFAULT, 'Crime', 'genre that deals with crime and its detection, investigation,
and punishment') ,
(DEFAULT, 'Mystery', 'focuses on the solution to a puzzle, often involving a
crime') ,
(DEFAULT, 'Comedy', 'intended to be humorous or amusing, often through satire or
exaggeration') ,
(DEFAULT, 'Action and Adventure', 'fast-paced stories involving physical
challenges, danger, and excitement') ,
(DEFAULT, 'Children', 'written for and marketed to children, often with themes of
growth, discovery, and imagination') ,
(DEFAULT, 'Poetry', 'uses language in a creative way to evoke emotion or convey
meaning') ,
(DEFAULT, 'Biography', 'non-fictional account of a person's life, often focusing
on significant events') ,
(DEFAULT, 'Autobiography', 'non-fictional account of a person's life written by
that person') ,
```

```
(DEFAULT, 'Self-help', 'offers advice, strategies, or techniques for personal growth, self-improvement') ;
```

```
/* Table 2: languages
```

```
Inserting Data to Languages table. Language table has info about different languages a book might be written in and has a primary Key languageID.*/
```

```
INSERT INTO languages (languageID, languageName)
VALUES
(1, 'English'),
(DEFAULT, 'German'),
(DEFAULT, 'French'),
(DEFAULT, 'Italian'),
(DEFAULT, 'Spanish'),
(DEFAULT, 'Japanese'),
(DEFAULT, 'Russian'),
(DEFAULT, 'Portuguese'),
(DEFAULT, 'Mandarin'),
(DEFAULT, 'Arabic'),
(DEFAULT, 'Hindi'),
(DEFAULT, 'Bengali'),
(DEFAULT, 'Swahili'),
(DEFAULT, 'Korean'),
(DEFAULT, 'Turkish'),
(DEFAULT, 'Dutch'),
(DEFAULT, 'Greek'),
(DEFAULT, 'Hebrew'),
(DEFAULT, 'Polish'),
(DEFAULT, 'Swedish');
```

```
/* Table 3: nationality
```

```
Inserting Data to nationality table. nationality table has info about different countries and it will be used with different tables such as author nationality, publisher country, and user nationality and has a primary Key CountryID.*/
```

```
INSERT INTO nationality (CountryID, country)
VALUES
(1, 'United States of America'),
(DEFAULT, 'United Kingdom'),
(DEFAULT, 'India'),
(DEFAULT, 'Japan'),
(DEFAULT, 'Germany'),
(DEFAULT, 'Italy'),
(DEFAULT, 'France'),
(DEFAULT, 'Spain'),
(DEFAULT, 'Mexico'),
(DEFAULT, 'Columbia'),
(DEFAULT, 'Russia'),
(DEFAULT, 'Canada'),
(DEFAULT, 'Brazil'),
(DEFAULT, 'China'),
```

```
(DEFAULT, 'Australia'),
(DEFAULT, 'South Korea'),
(DEFAULT, 'Nigeria'),
(DEFAULT, 'South Africa'),
(DEFAULT, 'Egypt'),
(DEFAULT, 'Saudi Arabia');
```

/\* Table 4: users

Inserting Data to users table. users table has info about different users who read books and rate the books. It has details such as their first name, last name, nationality and DOB. The primary key for this table is userID \*/

```
INSERT INTO users (userID, userfirstName, userlastName, userDOB, countryID)
VALUES
(1, 'Michael', 'Davis', '1987-12-05',1) ,
(DEFAULT, 'Ashley', 'Johnson', '1994-06-18',1) ,
(DEFAULT, 'Christopher', 'Lee', '1991-08-22', 1) ,
(DEFAULT, 'Katherine', 'White', '1982-11-11',1) ,
(DEFAULT, 'William', 'Garcia', '1988-05-01', 1) ,
(DEFAULT, 'Jennifer', 'Hernandez', '1999-02-08',1) ,
(DEFAULT, 'David', 'Wilson', '1983-09-20',2) ,
(DEFAULT, 'Rachel', 'Thomas', '1990-06-12',2) ,
(DEFAULT, 'Olivia', 'Clark', '1996-12-24',2) ,
(DEFAULT, 'Sarah', 'Khan', '1989-03-29',3) ,
(DEFAULT, 'Amit', 'Patel', '1993-10-01',3) ,
(DEFAULT, 'Neha', 'Singh', '1997-06-07',3) ,
(DEFAULT, 'Satoshi', 'Tanaka', '1986-01-13',4) ,
(DEFAULT, 'Aoi', 'Yamamoto', '1992-04-30',4) ,
(DEFAULT, 'Kazuki', 'Nakamura', '1995-11-19',4) ,
(DEFAULT, 'Marie', 'Schmidt', '1984-08-25',5) ,
(DEFAULT, 'Julian', 'Bauer', '1990-03-16',5) ,
(DEFAULT, 'Franziska', 'Hoffman', '1997-01-12',5) ,
(DEFAULT, 'Luca', 'Ferrari', '1988-12-09',6) ,
(DEFAULT, 'Martina', 'Esposito', '1991-09-06',6) ,
(DEFAULT, 'Andrea', 'Costa', '1995-05-28',6) ,
(DEFAULT, 'Pierre', 'Dubois', '1981-06-15',7) ,
(DEFAULT, 'Sophie', 'Martin', '1987-09-02',7) ,
(DEFAULT, 'Nicolas', 'Leroy', '1994-02-11',7) ,
(DEFAULT, 'Ana', 'Rodriguez', '1982-03-07',8) ,
(DEFAULT, 'Javier', 'Fernandez', '1990-10-06',8) ,
(DEFAULT, 'Maria', 'Hernandez', '1996-05-23',8) ,
(DEFAULT, 'Juan', 'Gonzalez', '1979-08-28',10) ,
(DEFAULT, 'Lucia', 'Morales', '1984-11-03',10) ,
(DEFAULT, 'Carlos', 'Torres', '1991-04-18',10);
```

/\* Table 5: authors

Inserting Data to authors table. authors table has info about different authors who wrote the books. It has details such as their first name, last name, nationality and has a primary Key authorID.\*/

```
INSERT INTO authors (authorID, authorfirstName, authorlastName, countryID)
VALUES
(1, 'J.K', 'Rowling',2) ,
```

```

(DEFAULT, 'George', 'Martin', 1) ,
(DEFAULT, 'Arundhati', 'Roy', 3) ,
(DEFAULT, 'Haruki', 'Murakami', 4) ,
(DEFAULT, 'Ken', 'Follett', 2) ,
(DEFAULT, 'Harper', 'Lee', 1) ,
(DEFAULT, 'Umberto', 'Eco', 6) ,
(DEFAULT, 'Gabriel', 'Marquez', 8) ,
(DEFAULT, 'Joanne', 'Harris', 2) ,
(DEFAULT, 'Isabel', 'Allende', 10) ,
(DEFAULT, 'Jhumpa', 'Lahiri', 1) ,
(DEFAULT, 'Kenzaburo', 'Oe', 4) ,
(DEFAULT, 'Tom', 'Wolfe', 1) ,
(DEFAULT, 'Chimamanda', 'Adiche', 10) ,
(DEFAULT, 'Karl', 'Marx', 5) ,
(DEFAULT, 'Hermann', 'Hesse', 5) ,
(DEFAULT, 'Miguel', 'Cervantes', 7) ,
(DEFAULT, 'Kazuo', 'Ishiguro', 2) ,
(DEFAULT, 'Yukio', 'Mishima', 4) ,
(DEFAULT, 'Chinua', 'Achebe', 7) ,
(DEFAULT, 'Gabriel', 'Garcia', 10) ,
(DEFAULT, 'Virginia', 'Woolf', 2) ,
(DEFAULT, 'Jorge', 'Borges', 7) ,
(DEFAULT, 'Toni', 'Morrison', 1) ,
(DEFAULT, 'Franz', 'Kafka', 7) ,
(DEFAULT, 'Salman', 'Rushdie', 3) ,
(DEFAULT, 'Ken', 'Kesey', 1) ,
(DEFAULT, 'J.R.R.', 'Tolkien', 2) ,
(DEFAULT, 'Leo', 'Tolstoy', 11) ,
(DEFAULT, 'Larissa', 'Volokhonsky', 11) ,
(DEFAULT, 'Richard', 'Peaver', 11) ,
(DEFAULT, 'Garnett', 'Constance', 2) ,
(DEFAULT, 'Beatriz', 'Williams', 2) ,
(DEFAULT, 'Lauren', 'Willig', 2) ,
(DEFAULT, 'Karen', 'White', 2) ,
(DEFAULT, 'George', 'Orwell', 2) ,
(DEFAULT, 'Sasha', 'Nanua', 12) ,
(DEFAULT, 'Sarena', 'Nanua', 12) ,
(DEFAULT, 'Terry', 'Pratchett', 2) ,
(DEFAULT, 'Neil', 'Gaiman', 2) ,
(DEFAULT, 'Stephen', 'King', 1) ,
(DEFAULT, 'Peter', 'Straub', 1) ,
(DEFAULT, 'Geovani', 'Martins', 13);

```

/\* Table 6: publishers

Inserting Data to publishers table. publishers table has info about different publishers. It has details about the publisher company name, full address of the publisher company and country of the publisher company and has a primary Key publisherID.\*/

```

INSERT INTO publishers
(publisherID, publisherName, StreetNoBuildingNo, City, ZipCode, State, countryID)
VALUES (1, 'Bloomsbury Publishing', '3400 TULANE DR', 'London', 'E1 7AY', 'Camden',
2),
(DEFAULT, 'Bantam Spectra', '4021 Franklin DR', 'New York', '10001', 'NY', 10),
(DEFAULT, 'Penguin Books', '674-A 23rd Street', 'London', 'E1 7AB', 'Greenwich',
2),

```



```
(DEFAULT, 'Kodansha', '232 Third St.', 'Tokyo', '20004', 'Tokyo Province', 4),
(DEFAULT, 'William Morrow and Co', '1745 Broadway ', 'New York', '10001', 'NY', 1),
(DEFAULT, 'J. B. Lippincott & Co.', '104 S Fifth Street', 'Philadelphia', '19147',
'Philadelphia', 1),
(DEFAULT, 'Bompiani', '141 5th Ave.', 'Milan', '20007', 'Messina', 6),
(DEFAULT, 'Editorial Sudamericana', ' Roca 1424', 'Buenos Aires', '20008', 'Eastern
Argentina', 5),
(DEFAULT, 'Viking Press', '19 West 21st Street', 'New York', '10001', 'NY', 1),
(DEFAULT, 'Plaza & Janés', 'Gral. Roca 4680', 'Barcelona', '20010', 'Barcelona',
8),
(DEFAULT, 'Houghton Mifflin', '1130 Walnut Street', 'Boston', '2108',
'Massachussetts', 1),
(DEFAULT, 'Farrar, Straus and Giroux', '420 Fifth Avenue', 'New York', '10001',
'NY', 1),
(DEFAULT, 'Knopf', '343 Lincoln DR', 'New York', '10001', 'NY', 1),
(DEFAULT, 'Penguin Classics', '20 Mortimer Street', 'London', 'E1 7BS', 'Fulham',
2),
(DEFAULT, 'Fischer Verlag', 'Anhalter Strasse 94', 'Frankfurt', '20016', 'Frankfurt
Province', 5),
(DEFAULT, 'Francisco de Robles', 'Camp Benedicto 967', 'Madrid', '28491',
'Navacerrada', 8),
(DEFAULT, 'Faber and Faber', '20 Great North Road', 'London', 'E1 7BT',
'Hammersmith', 2),
(DEFAULT, 'Alfred A. Knopf', '149 Willis Street', 'New York', '10001', 'NY', 1),
(DEFAULT, 'William Heinemann Ltd', '2 Park Square Milton Park', 'London', 'E1 7AY',
'Kensington', 2),
(DEFAULT, 'Editorial Oveja Negra', ' Serrano 1501', 'Bogota', 'E1 7AB', 'Bogota
Savanna', 10),
(DEFAULT, 'Hogarth Press', '3423 TULANE DR', 'London', 'E1 7BS', 'Islington', 2),
(DEFAULT, 'Emece Editores', 'Juan Griego 4429', 'Buenos Aires', '20025', 'Eastern
Argentina', 8),
(DEFAULT, 'Kurt Wolff Verlag', 'Av Lartigau 3155', 'Leipzig', '20027', 'NA', 5),
(DEFAULT, 'Jonathan Cape', '26-7 Boswell Street', 'London', 'E1 7BT', 'Wandsworth',
2),
(DEFAULT, 'Hachette Livre', '58 Rue Jean Bleuzen', 'Vanves', '92170', 'France', 7),
(DEFAULT, 'Harper Teen', '195 Broadway', 'New York', '10007', 'NY', 1);
```

/\* Table 7: books

Inserting Data to books table. books table has info about different books and it has details about title of the book, price of the book, publihserID and genreID and has a primary Key bookID.\*/

```
INSERT INTO books (bookID,book_title, price, publisherID, genreID)
VALUES
(1, 'Harry Potter and the Philosophers Stone',35, 1,5),
(DEFAULT, 'A Game of Thrones', 55, 2, 1),
(DEFAULT, 'The God of Small Things', 60, 3, 5),
(DEFAULT, 'Norwegian Wood Language', 25, 4, 4),
(DEFAULT, 'The Pillars of the Earth',30,5,6),
(DEFAULT, 'To Kill a Mockingbird',54,6,5),
(DEFAULT, 'The Name of the Rose',65,7,7),
(DEFAULT, 'One Hundred Years of Solitude', 35,8,7),
(DEFAULT, 'Chocolat', 30,9,2),
(DEFAULT, 'The House of the Spirits',20,10,7),
(DEFAULT, 'Interpreter of Maladies',35,11,6),
(DEFAULT, 'A Personal Matter',45,4,3),
```

```

(DEFAULT, 'The Bonfire of the Vanities',90,12,3),
(DEFAULT, 'Half of a Yellow Sun', 55,13,5),
(DEFAULT, 'The Communist Manifesto', 78,14,4),
(DEFAULT, 'Siddhartha',92,15,4),
(DEFAULT, 'Don Quixote',25,16,2),
(DEFAULT, 'Never Let Me Go',56,17,2),
(DEFAULT, 'The Temple of the Golden Pavilion',22,18,5),
(DEFAULT, 'Kafka on the Shore',18,4,6),
(DEFAULT, 'Things Fall Apart',34,19,6),
(DEFAULT, 'Love in the Time of Cholera',15,20,4),
(DEFAULT, 'Mrs Dalloway', 54,21,2),
(DEFAULT, 'Ficciones', 34,22,2),
(DEFAULT, 'The Metamorphosis',25,23,4),
(DEFAULT, 'Midnight's Children',55,24,4),
(DEFAULT, 'The Remains of the Day', 25,17,3),
(DEFAULT, 'Beloved', 44,18,2),
(DEFAULT, 'The Sailor Who Fell from Grace with the Sea',33,18,3),
(DEFAULT, 'The Namesake',21,11,1),
(DEFAULT, 'One Flew Over the Cuckoo's Nest',19,9,1),
(DEFAULT, 'The Lord of the Rings', 54, 4,5),
(DEFAULT, 'War and Peace', 15, 14,8),
(DEFAULT, 'Anna Karenina', 25, 14,5),
(DEFAULT, 'All the Ways We Said Goodbye: A Novel of the Ritz Paris', 22, 5,8),
(DEFAULT, '1984',100,3,9),
(DEFAULT, 'Sisters of the Snake',11,26,10),
(DEFAULT, 'Good Omens: The Nice and Accurate Prophecies of Agnes Nutter,
Witch',9,5,5),
(DEFAULT, 'The Talisman: A Novel',15,1,1),
(DEFAULT, 'The Sun on My Head',22,5,5),
(DEFAULT, 'In Other Words',25,1,3),
(DEFAULT, 'American Gods',19,1,5);

```

/\* Table 8: authors\_has\_books

Inserting Data to authors\_has\_books table. This is a linked table which is formed to accomodate the many to many relationship between authors and books\*/  
INSERT INTO authors\_has\_books (bookID, authorID)

```

VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 4),
(5, 5),
(6, 6),
(7, 7),
(8, 8),
(9, 9),
(10, 10),
(11, 11),
(12,12),
(13, 13),
(14, 14),
(15, 15),
(16, 16),
(17, 17),
(18, 18),

```

```

(19, 19),
(20, 20),
(21, 21),
(22, 22),
(23, 23),
(24, 24),
(25, 25),
(26, 26),
(27, 27),
(28, 24),
(29, 19),
(30, 11),
(31, 27),
(32, 1),
(32, 28),
(33, 29),
(34, 29),
(33, 32),
(34, 30),
(34, 31),
(35, 33),
(35, 34),
(35, 35),
(36, 36),
(37, 37),
(37, 38),
(38, 39),
(38, 40),
(39, 41),
(39, 42),
(40, 43),
(41, 11),
(42, 40);

```

```

/* Table 9: books_has_languages

```

```

Inserting Data to books_has_languages table. This is a linked table which is formed
to accomodate the many to many relationship between books and languages
*/

```

```

INSERT INTO books_has_languages (bookID, languageID, bookpagesNo, publicationyear,
isbn)
VALUES
(1,1,223,1997, '978-0747532743'),
(2,1,694,1996, '978-0553573404'),
(3,1,340,1997, '978-0812979657'),
(4,6,296,1987, '978-0099448822'),
(5,1,973,1989, '978-0451166890'),
(6,1,281,1960, '978-0060935467'),
(7,4,512,1980, '978-0156001311'),
(8,5,417,1967, '978-0060883287'),
(9,1,306,1999, '978-0140282038'),
(10,5,433,1982, '978-1501117015'),
(11,1,198,1999, '978-0395927205'),
(12,6,173,1964, '978-0802150613'),
(13,1,300,1965, '978-0312427573'),
(14,1,433,2006, '978-0007200283'),
(15,1,48,1848, '978-1508474728'),
(16,2,152,1922, '978-0553208849'),

```

```
(17,5,863,1605, '978-0060934347'),
(18,1,288,2005, '978-1400078776'),
(19,6,256,1956, '978-0679752707'),
(20,6,505,2002, '978-1400079278'),
(21,1,209,1958, '978-0385474542'),
(22,5,348,1985, '978-0307389732'),
(23,1,194,1925, '978-0156628709'),
(24,5,174,1944, '978-0802130301'),
(25,2,56,1915, '978-0393923202'),
(26,1,647,1981, '978-0812976533'),
(27,1,245,1989, '978-0679731726'),
(28,1,321,1987, '978-1400033416'),
(29,1,181,1965, '978-0679750154'),
(30,1,291,2003, '978-0618485222'),
(31,1,311,1962, '978-0451163967'),
(2,5,944,2002, '978-8496208557'),
(2,3,574,1998, '978-2290309827'),
(2,2,766,1998, '978-3442249446'),
(2,4,704,2001, '978-8804516101'),
(33,7,1225,1867, '978-1400079988'),
(33,1, 1408,1942, '978-0679600848'),
(34,7, 692 , 1877, '979-8781140879'),
(34, 1, 864, 2004, '978-0143035008'),
(35,1,448,2020, '978-0062931092'),
(36,1,328,1949, '978-0451524935'),
(36,5,296,1984, '978-8423309832'),
(37,1,512,2021, '978-0062985590'),
(38,1,512,2006, '978-0060853983'),
(39,1,944,2012, '978-1451697216'),
(40,1,128, 2019, '978-0374223779'),
(40,8,100,2019, '978-8420434834'),
(41,1,256,2017, '978-1101911464'),
(41,4,235,2016, '978-1101875551'),
(42,1,480,2001, '978-0380973651'),
(32,1,1216,2012, '978-0544003415');
```

```
/* Table 10: ratings
```

```
Inserting Data to ratings table. Ratings table is used to store the ratings and
reviews given by the users for a book. It has details such as ratingVal, userID,
ratingDesc(review), and ISBN. The primary key of this table is ratingID
*/
```

```
INSERT INTO ratings (ratingID, ratingval, userID, RatingDesc, ISBN) VALUES
(DEFAULT, 5,4,'A book that is a masterpiece in its genre, with flawless writing and
unforgettable characters.', '978-0747532743'),
(DEFAULT, 4,4,'A book that is well-written, with a compelling plot and well-
developed characters.', '978-0553573404'),
(DEFAULT, 5,4,'A book that is a masterpiece in its genre, with flawless writing and
unforgettable characters.', '978-2290309827'),
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-
developed characters.', '978-3442249446'),
(DEFAULT, 5,3,'A book that is a masterpiece in its genre, with flawless writing and
unforgettable characters.', '978-8496208557'),
(DEFAULT, 4,3,'A book that is well-written, with a compelling plot and well-
developed characters.', '978-8804516101'),
(DEFAULT, 4,2,'A book that is well-written, with a compelling plot and well-
developed characters.', '978-0812979657'),
(DEFAULT, 4,2,'A book that is well-written, with a compelling plot and well-
developed characters.', '978-0099448822'),
```

(DEFAULT, 4,18,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0451166890'),  
(DEFAULT, 4,25,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060935467'),  
(DEFAULT, 5,19,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0156001311'),  
(DEFAULT, 4,21,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060883287'),  
(DEFAULT, 4,7,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0140282038'),  
(DEFAULT, 3,14,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-1501117015'),  
(DEFAULT, 3,3,NULL, '978-0395927205'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0802150613'),  
(DEFAULT, 5,2,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0312427573'),  
(DEFAULT, 4,3,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0007200283'),  
(DEFAULT, 3,4,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-1508474728'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0553208849'),  
(DEFAULT, 5,6,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0060934347'),  
(DEFAULT, 4,9,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1400078776'),  
(DEFAULT, 5,10,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0679752707'),  
(DEFAULT, 3,11,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-1400079278'),  
(DEFAULT, 4,12,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0385474542'),  
(DEFAULT, 4,13,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0307389732'),  
(DEFAULT, 4,2,NULL, '978-0156628709'),  
(DEFAULT, 5,2,NULL, '978-0802130301'),  
(DEFAULT, 3,2,NULL, '978-0393923202'),  
(DEFAULT, 4,3,NULL, '978-0812976533'),  
(DEFAULT, 5,3,NULL, '978-0679731726'),  
(DEFAULT, 5,5,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1400033416'),  
(DEFAULT, 4,29,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0679750154'),  
(DEFAULT, 2,30,'A book that has some redeeming qualities but falls short in many areas.', '978-0618485222'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0451163967'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0544003415'),  
(DEFAULT, 4,16,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0679600848'),  
(DEFAULT, 5,23,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1400079988'),  
(DEFAULT, 5,17,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0143035008'),  
(DEFAULT, 4,19,'A book that is well-written, with a compelling plot and well-developed characters.', '979-8781140879'),  
(DEFAULT, 4,4,'A book that is well-written, with a compelling plot and well-

developed characters.', '978-0062931092'),  
(DEFAULT, 3,4,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0451524935'),  
(DEFAULT, 4,2,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8423309832'),  
(DEFAULT, 3,1,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0062985590'),  
(DEFAULT, 4,7,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060853983'),  
(DEFAULT, 3,1,NULL, '978-1451697216'),  
(DEFAULT, 1,5,'Find a better book', '978-0374223779'),  
(DEFAULT, 4,3,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8420434834'),  
(DEFAULT, 5,3,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1101875551'),  
(DEFAULT, 5,4,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1101911464'),  
(DEFAULT, 4,4,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0380973651'),  
(DEFAULT, 5,2,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0747532743'),  
(DEFAULT, 3,2,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0553573404'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-2290309827'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-3442249446'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-8496208557'),  
(DEFAULT, 3,1,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-8804516101'),  
(DEFAULT, 5,28,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0812979657'),  
(DEFAULT, 4,30,NULL, '978-0099448822'),  
(DEFAULT, 4,13,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0451166890'),  
(DEFAULT, 4,20,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060935467'),  
(DEFAULT, 4,14,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0156001311'),  
(DEFAULT, 5,16,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0060883287'),  
(DEFAULT, 5,21,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0140282038'),  
(DEFAULT, 5,28,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1501117015'),  
(DEFAULT, 5,22,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0395927205'),  
(DEFAULT, 4,24,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0802150613'),  
(DEFAULT, 5,28,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0312427573'),  
(DEFAULT, 4,30,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0007200283'),  
(DEFAULT, 5,29,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1508474728'),  
(DEFAULT, 3,26,NULL, '978-0553208849'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060934347'),

(DEFAULT, 3,5,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.','978-1400078776'),  
(DEFAULT, 3,4,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.','978-0679752707'),  
(DEFAULT, 4,8,'A book that is well-written, with a compelling plot and well-developed characters.','978-1400079278'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0385474542'),  
(DEFAULT, 5,8,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0307389732'),  
(DEFAULT, 5,1,NULL,'978-0156628709'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.','978-0802130301'),  
(DEFAULT, 5,5,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0393923202'),  
(DEFAULT, 3,6,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.','978-0812976533'),  
(DEFAULT, 4,30,'A book that is well-written, with a compelling plot and well-developed characters.','978-0679731726'),  
(DEFAULT, 4,1,NULL,'978-1400033416'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.','978-0679750154'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.','978-0618485222'),  
(DEFAULT, 1,15,'Find a better book','978-0451163967'),  
(DEFAULT, 4,22,'A book that is well-written, with a compelling plot and well-developed characters.','978-0544003415'),  
(DEFAULT, 4,16,'A book that is well-written, with a compelling plot and well-developed characters.','978-0679600848'),  
(DEFAULT, 5,18,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-1400079988'),  
(DEFAULT, 4,24,'A book that is well-written, with a compelling plot and well-developed characters.','978-0143035008'),  
(DEFAULT, 2,26,'A book that has some redeeming qualities but falls short in many areas.','979-8781140879'),  
(DEFAULT, 5,25,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0062931092'),  
(DEFAULT, 4,27,NULL,'978-0451524935'),  
(DEFAULT, 5,26,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-8423309832'),  
(DEFAULT, 5,28,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0062985590'),  
(DEFAULT, 5,27,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0060853983'),  
(DEFAULT, 4,29,NULL,'978-1451697216'),  
(DEFAULT, 4,30,'A book that is well-written, with a compelling plot and well-developed characters.','978-0374223779'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.','978-8420434834'),  
(DEFAULT, 5,26,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-1101875551'),  
(DEFAULT, 4,28,NULL,'978-1101911464'),  
(DEFAULT, 4,27,'A book that is well-written, with a compelling plot and well-developed characters.','978-0380973651'),  
(DEFAULT, 5,29,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.','978-0747532743'),  
(DEFAULT, 3,28,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.','978-0553573404'),  
(DEFAULT, 5,30,NULL,'978-2290309827'),

(DEFAULT, 4,22,'A book that is well-written, with a compelling plot and well-developed characters.', '978-3442249446'),  
(DEFAULT, 4,29,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8496208557'),  
(DEFAULT, 5,23,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-8804516101'),  
(DEFAULT, 5,25,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0812979657'),  
(DEFAULT, 5,8,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0099448822'),  
(DEFAULT, 4,15,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0451166890'),  
(DEFAULT, 4,4,NULL,'978-0060935467'),  
(DEFAULT, 4,11,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0156001311'),  
(DEFAULT, 4,2,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060883287'),  
(DEFAULT, 5,2,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0140282038'),  
(DEFAULT, 4,26,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1501117015'),  
(DEFAULT, 4,28,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0395927205'),  
(DEFAULT, 3,12,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0802150613'),  
(DEFAULT, 5,19,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0312427573'),  
(DEFAULT, 4,13,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0007200283'),  
(DEFAULT, 4,15,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1508474728'),  
(DEFAULT, 4,20,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0553208849'),  
(DEFAULT, 4,27,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060934347'),  
(DEFAULT, 4,21,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1400078776'),  
(DEFAULT, 5,23,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0679752707'),  
(DEFAULT, 5,4,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1400079278'),  
(DEFAULT, 5,5,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0385474542'),  
(DEFAULT, 5,3,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0307389732'),  
(DEFAULT, 1,7,'Find a better book', '978-0156628709'),  
(DEFAULT, 5,17,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0802130301'),  
(DEFAULT, 4,24,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0393923202'),  
(DEFAULT, 4,18,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0812976533'),  
(DEFAULT, 5,20,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0679731726'),  
(DEFAULT, 2,19,'A book that has some redeeming qualities but falls short in many areas.', '978-1400033416'),  
(DEFAULT, 4,26,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0679750154'),  
(DEFAULT, 2,20,'A book that has some redeeming qualities but falls short in many



areas.', '978-0618485222'),  
(DEFAULT, 3,22,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0451163967'),  
(DEFAULT, 4,14,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0544003415'),  
(DEFAULT, 2,21,'A book that has some redeeming qualities but falls short in many areas.', '978-0679600848'),  
(DEFAULT, 4,15,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1400079988'),  
(DEFAULT, 4,17,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0143035008'),  
(DEFAULT, 5,2,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '979-8781140879'),  
(DEFAULT, 4,3,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0062931092'),  
(DEFAULT, 3,1,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0451524935'),  
(DEFAULT, 4,29,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8423309832'),  
(DEFAULT, 2,29,'A book that has some redeeming qualities but falls short in many areas.', '978-0062985590'),  
(DEFAULT, 5,26,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0060853983'),  
(DEFAULT, 4,30,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1451697216'),  
(DEFAULT, 4,27,NULL,'978-0374223779'),  
(DEFAULT, 4,11,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8420434834'),  
(DEFAULT, 4,18,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1101875551'),  
(DEFAULT, 5,12,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1101911464'),  
(DEFAULT, 5,14,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0380973651'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0747532743'),  
(DEFAULT, 4,2,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0553573404'),  
(DEFAULT, 5,30,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-2290309827'),  
(DEFAULT, 1,27,NULL,'978-3442249446'),  
(DEFAULT, 3,9,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-8496208557'),  
(DEFAULT, 4,16,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8804516101'),  
(DEFAULT, 2,10,'A book that has some redeeming qualities but falls short in many areas.', '978-0812979657'),  
(DEFAULT, 5,12,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0099448822'),  
(DEFAULT, 5,26,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0451166890'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0060935467'),  
(DEFAULT, 4,27,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0156001311'),  
(DEFAULT, 3,29,NULL,'978-0060883287'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0140282038'),  
(DEFAULT, 5,2,'A book that is a masterpiece in its genre, with flawless writing and

unforgettable characters.', '978-1501117015'),  
(DEFAULT, 4,29,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0395927205'),  
(DEFAULT, 4,26,NULL,'978-0802150613'),  
(DEFAULT, 5,5,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0312427573'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0007200283'),  
(DEFAULT, 5,5,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-1508474728'),  
(DEFAULT, 3,29,'A well written Manifesto', '978-0553208849'),  
(DEFAULT, 4,4,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060934347'),  
(DEFAULT, 3,4,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-1400078776'),  
(DEFAULT, 4,10,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0679752707'),  
(DEFAULT, 3,5,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-1400079278'),  
(DEFAULT, 4,5,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0385474542'),  
(DEFAULT, 4,4,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0307389732'),  
(DEFAULT, 5,9,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0156628709'),  
(DEFAULT, 4,23,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0802130301'),  
(DEFAULT, 5,30,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0393923202'),  
(DEFAULT, 4,24,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0812976533'),  
(DEFAULT, 3,26,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0679731726'),  
(DEFAULT, 4,25,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1400033416'),  
(DEFAULT, 4,27,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0679750154'),  
(DEFAULT, 4,26,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0618485222'),  
(DEFAULT, 5,28,NULL,'978-0451163967'),  
(DEFAULT, 4,10,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0544003415'),  
(DEFAULT, 1,17,'Find a better book', '978-0679600848'),  
(DEFAULT, 4,11,'A book that is well-written, with a compelling plot and well-developed characters.', '978-1400079988'),  
(DEFAULT, 3,13,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '978-0143035008'),  
(DEFAULT, 3,2,'The plot is engaging and the characters are relatable, but there may be some flaws in the writing style or pacing.', '979-8781140879'),  
(DEFAULT, 5,3,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0062931092'),  
(DEFAULT, 5,3,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0451524935'),  
(DEFAULT, 4,3,'A book that is well-written, with a compelling plot and well-developed characters.', '978-8423309832'),  
(DEFAULT, 5,1,'A book that is a masterpiece in its genre, with flawless writing and unforgettable characters.', '978-0062985590'),  
(DEFAULT, 4,1,'A book that is well-written, with a compelling plot and well-developed characters.', '978-0060853983'),

```
(DEFAULT, 5,30,'A book that is a masterpiece in its genre, with flawless writing
and unforgettable characters.','978-1451697216'),
(DEFAULT, 3,26,'The plot is engaging and the characters are relatable, but there
may be some flaws in the writing style or pacing.','978-0374223779');
```

-- Creating Views

```
/* View 1
the average rating for each genre across years using publication_date
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_avgRatingforDiffGenresthroughYears`;
CREATE VIEW vw_avgRatingforDiffGenresthroughYears AS
SELECT PublicationYear , genreName , AVG(ratingVal) AS 'AVG_RATING'
FROM bookpantry.genres
JOIN bookpantry.books USING (genreID)
JOIN bookpantry.books_has_languages USING (bookID)
JOIN bookpantry.ratings USING (ISBN)
GROUP BY PublicationYear, genreID
ORDER BY PublicationYear DESC , AVG_RATING DESC;

/* View 2
Publishers with ratings more than the average of all ratings of all publishers
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_publishersAboveAvgPublisherRat`;
CREATE VIEW vw_publishersAboveAvgPublisherRat AS
SELECT publisherName,AVG_Rating, Books_Published
FROM
(SELECT publisherName, AVG(ratingVal) AS AVG_Rating, COUNT(DISTINCT bookID) AS
Books_Published
FROM bookpantry.publishers
JOIN bookpantry.books USING (publisherID)
JOIN bookpantry.books_has_languages USING (bookID)
JOIN bookpantry.ratings USING (ISBN)
GROUP BY publisherID) a
GROUP BY publisherName,AVG_Rating, Books_Published
HAVING AVG_Rating > ( SELECT AVG(ratingVal)
FROM bookpantry.publishers
JOIN bookpantry.books USING (publisherID)
JOIN bookpantry.books_has_languages USING (bookID)
JOIN bookpantry.ratings USING (ISBN))
ORDER BY AVG_Rating DESC;

/* View 3
Rating of the same book in different languages
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_booksRatinginDiffLang`;
CREATE VIEW vw_booksRatinginDiffLang AS
SELECT bookID, Book, Language, AVG_Rating
FROM
((
SELECT bookID, book_title AS Book, languageName AS Language, AVG(ratingVal) AS
AVG_Rating
FROM
bookpantry.books_has_languages
JOIN bookpantry.books USING (bookID)
```

```

JOIN bookpantry.languages USING (languageID)
JOIN bookpantry.ratings USING (ISBN)
GROUP BY ISBN
) avg_rating_ISBN
JOIN
( SELECT bookID, COUNT(Distinct languageName) as lanCount
FROM
bookpantry.books_has_languages
JOIN bookpantry.books USING (bookID)
JOIN bookpantry.languages USING (languageID)
JOIN bookpantry.ratings USING (ISBN)
GROUP BY bookID
)language_count_bookID USING (bookID)
)
WHERE lanCount >1
ORDER BY bookID ,  AVG_Rating DESC;

```

```

/* View 4
Age of users, Genre, Rating
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_ageGroupGenreRatings`;
CREATE VIEW vw_ageGroupGenreRatings AS
SELECT
CASE
WHEN TIMESTAMPDIFF(YEAR, userDOB, NOW()) < 18 then 'Under 18'
WHEN TIMESTAMPDIFF(YEAR, userDOB, NOW()) between 19 and 35 then '19-35'
WHEN TIMESTAMPDIFF(YEAR, userDOB, NOW()) between 36 and 55 then '36-55'
WHEN TIMESTAMPDIFF(YEAR, userDOB, NOW()) between 56 and 100 then '56-100'
END AS age_group, genreName, AVG(ratingVal) as AVG_Rating
FROM bookpantry.users
JOIN bookpantry.ratings USING(userID)
JOIN bookpantry.books_has_languages USING (ISBN)
JOIN bookpantry.books USING (bookID)
JOIN bookpantry.genres USING (genreID)
GROUP BY age_group, genreName
ORDER BY age_group, AVG_Rating DESC;

```

```

/*View 5
Authors with highest average ratings (Top10)
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_top10RatedBooksAndAuthors`;
CREATE VIEW vw_top10RatedBooksAndAuthors AS
SELECT DISTINCT CONCAT(authorFirstname, ' ', authorLastname) AS authorName,
book_title,
ROUND(AVG(ratingval),2) AS author_average_rating
FROM bookpantry.authors
JOIN bookpantry.authors_has_books USING(authorID)
JOIN bookpantry.books USING(bookID)
JOIN bookpantry.books_has_languages USING(bookID)
JOIN bookpantry.ratings USING(ISBN)
GROUP BY authorID, ISBN
ORDER BY author_average_rating DESC
LIMIT 10;

```

```

/*View 6
Count of books in each Genre

```

```

*/
DROP VIEW IF EXISTS `bookpantry`.`vw_noOfBooksInEachGenre`;
CREATE VIEW vw_noOfBooksInEachGenre AS
SELECT genreName AS Genre, COUNT(genreID) as `No of books`
FROM bookpantry.books
JOIN bookpantry.genres USING (genreID)
GROUP BY genreID
ORDER BY COUNT(genreID) DESC;

```

```

/*View 7
Which Publishers had better than average ratings for which Genre?
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_publishersAndGenresWithAboveAvgRatings`;
CREATE VIEW vw_publishersAndGenresWithAboveAvgRatings AS
SELECT DISTINCT publisherName, genreName,
ROUND(AVG(ratingval),2) AS publisher_max_avg_rated_genre
FROM bookpantry.publishers
JOIN bookpantry.books USING(publisherID)
JOIN bookpantry.genres USING(genreID)
JOIN bookpantry.books_has_languages USING(bookID)
JOIN bookpantry.ratings USING(ISBN)
GROUP BY publisherName, genreID
HAVING publisher_max_avg_rated_genre > (SELECT AVG(ratingval) from ratings)
ORDER BY publisher_max_avg_rated_genre DESC;

```

```

/* View 8
Which authors have the most books listed?
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_top10AuthorsWithMostBooks`;
CREATE VIEW vw_top10AuthorsWithMostBooks AS
SELECT concat(authorFirstName, ' ', authorLastName) AS 'AuthorFullName' ,
count(bookID) AS Books_Published
FROM bookpantry.books
JOIN bookpantry.authors_has_books USING (bookID)
JOIN bookpantry.authors USING (authorID)
GROUP BY authorID
ORDER BY count(bookID) DESC LIMIT 10;

```

```

/* View 9
books which have pages greater than the average number of pages
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_bookswithPagesMorethanAvgPages`;
CREATE VIEW vw_bookswithPagesMorethanAvgPages AS
SELECT book_title, BookPagesNo, languageName
FROM bookpantry.books
JOIN bookpantry.books_has_languages USING (bookID)
JOIN bookpantry.languages USING (languageID)
WHERE BookPagesNo > ( SELECT AVG(BookPagesNo) FROM bookpantry.books_has_languages)
ORDER BY BookPagesNo DESC;

```

```

/* View 10
No of books in each language
*/
DROP VIEW IF EXISTS `bookpantry`.`vw_booksInEachLanguage`;
CREATE VIEW vw_booksInEachLanguage AS
SELECT languageName , Count(ISBN) as NumberOfBooks

```

```
FROM bookpantry.languages
JOIN bookpantry.books_has_languages USING (languageID)
GROUP BY languageID
ORDER BY Count(ISBN) DESC;
```