CREATE TABLE Author (

AuthorID INT PRIMARY KEY,

AuthorName VARCHAR(100) NOT NULL,

Country VARCHAR(50)

);

INSERT INTO Author (AuthorID, AuthorName, Country) VALUES

(1, 'Chetan Bhagat', 'India'),

(2, 'Arundhati Roy', 'India'),

(3, 'Amish Tripathi', 'India'),

(4, 'Ruskin Bond', 'India'),

(5, 'Jhumpa Lahiri', 'India'),

(6, 'Paulo Coelho', 'Brazil'),

(7, 'Sudha Murty', 'India');

CREATE TABLE Publisher (

PublisherID INT PRIMARY KEY,

PublisherName VARCHAR(100) NOT NULL UNIQUE,

City VARCHAR(50) NOT NULL

);

INSERT INTO Publisher (PublisherID, PublisherName, City) VALUES

(1, 'Rupa Publications', 'New Delhi'),

(2, 'Penguin India', 'Gurugram'),

(3, 'HarperCollins India', 'Noida'),

(4, 'Aleph Book Company', 'New Delhi');

CREATE TABLE Book (

BookID INT PRIMARY KEY,

Title VARCHAR(200) NOT NULL,

AuthorID INT NOT NULL,

PublisherID INT NOT NULL,

Price DECIMAL(8,2) NOT NULL,

PublicationYear INT NOT NULL,

FOREIGN KEY (AuthorID) REFERENCES Author(AuthorID),

FOREIGN KEY (PublisherID) REFERENCES Publisher(PublisherID)

);

INSERT INTO Book (BookID, Title, AuthorID, PublisherID, Price, PublicationYear) VALUES

(101, 'Five Point Someone', 1, 1, 250.00, 2004),

(102, 'The God of Small Things', 2, 2, 350.00, 1997),

(103, 'Immortals of Meluha', 3, 3, 300.00, 2010),

(104, 'The Blue Umbrella', 4, 1, 180.00, 1980),

(105, 'The Lowland', 5, 2, 400.00, 2013),

(106, 'Revolution 2020', 1, 1, 275.00, 2011),

(107, 'Sita: Warrior of Mithila', 3, 3, 320.00, 2017),

(108, 'The Room on the Roof', 4, 4, 200.00, 1956);

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CREATE TABLE DEPT (

DepartmentID INT PRIMARY KEY,

DepartmentName VARCHAR(100) NOT NULL UNIQUE,

DepartmentCode VARCHAR(50) NOT NULL UNIQUE,

Location VARCHAR(50) NOT NULL

);

INSERT INTO DEPT (DepartmentID, DepartmentName, DepartmentCode, Location) VALUES

(1, 'Admin', 'Adm', 'A-Block'),

(2, 'Computer', 'CE', 'C-Block'),

(3, 'Civil', 'CI', 'G-Block'),

(4, 'Electrical', 'EE', 'E-Block'),

(5, 'Mechanical', 'ME', 'B-Block');

CREATE TABLE PERSON (

PersonID INT PRIMARY KEY,

PersonName VARCHAR(100) NOT NULL,

DepartmentID INT NULL,

Salary DECIMAL(8,2) NOT NULL,

JoiningDate DATETIME NOT NULL,

City VARCHAR(100) NOT NULL,

FOREIGN KEY (DepartmentID) REFERENCES DEPT(DepartmentID)

);

INSERT INTO PERSON (PersonID, PersonName, DepartmentID, Salary, JoiningDate, City) VALUES

(101, 'Rahul Tripathi', 2, 56000.00, '2000-01-01', 'Rajkot'),

(102, 'Hardik Pandya', 3, 18000.00, '2001-09-25', 'Ahmedabad'),

(103, 'Bhavin Kanani', 4, 25000.00, '2000-05-14', 'Baroda'),

(104, 'Bhoomi Vaishnav', 1, 39000.00, '2005-02-08', 'Rajkot'),

(105, 'Rohit Topiya', 2, 17000.00, '2001-07-23', 'Jamnagar'),

(106, 'Priya Menpara', NULL, 9000.00, '2000-10-18', 'Ahmedabad'),

(107, 'Neha Sharma', 2, 34000.00, '2002-12-25', 'Rajkot'),

(108, 'Nayan Goswami', 3, 25000.00, '2001-07-01', 'Rajkot'),

(109, 'Mehul Bhundiya', 4, 13500.00, '2005-01-09', 'Baroda'),

(110, 'Mohit Maru', 5, 14000.00, '2000-05-25', 'Jamnagar');