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# if you're installing this on your own computer, un-comment and run
the following lines, so that you place the tables into their own
schema
drop schema if exists Assignment2;
create schema Assignment2;
use Assignment2;

SET foreign_key_checks = 0;

drop table if exists Supplier;
drop table if exists Delivery;
Drop table if exists Item;
drop table if exists Department;
drop table if exists Employee;
drop table if exists Sale;

CREATE TABLE Item (
    ItemID SMALLINT,
    ItemName VARCHAR(50) NOT NULL,
    ItemType CHAR(1),
    ItemColour VARCHAR(20),
    PRIMARY KEY (ItemID)
);

CREATE TABLE Employee (
    EmployeeID SMALLINT,
    EmployeeName VARCHAR(50),
    EmployeeSalary DECIMAL(8,2),
    DepartmentID SMALLINT,
    BossID SMALLINT,
    PRIMARY KEY (EmployeeID),
    FOREIGN KEY (BossID) references Employee(EmployeeID),
    FOREIGN KEY (DepartmentID) references Department(DepartmentID)
);

CREATE TABLE Department (
    DepartmentID SMALLINT,
    DepartmentName VARCHAR(50) NOT NULL,
    DepartmentFloor INTEGER,
    DepartmentPhone INTEGER,
    ManagerID SMALLINT NOT NULL,
    PRIMARY KEY (DepartmentID),
    FOREIGN KEY (ManagerID) references Employee(EmployeeID)
);

CREATE TABLE Sale (
    SaleID INTEGER NOT NULL,
    SaleQTY INTEGER,
    ItemID SMALLINT NOT NULL,
    DepartmentID SMALLINT NOT NULL,
    PRIMARY KEY (SaleID),
    FOREIGN KEY (ItemID) references Item(ItemID),
    FOREIGN KEY (DepartmentID) references Department(DepartmentID)
);

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);
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CREATE TABLE Supplier (  
    SupplierID      SMALLINT          NOT NULL,  
    SupplierName    VARCHAR(25),  
    SupplierPhone   VARCHAR(16),  
    PRIMARY KEY (SupplierID)
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);
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```
CREATE TABLE Delivery (  
    DeliveryID      INTEGER           NOT NULL,  
    DeliveryQTY     INTEGER           NOT NULL,  
    ItemID          SMALLINT          NOT NULL,  
    DepartmentID    SMALLINT          NOT NULL,  
    SupplierID      SMALLINT          NOT NULL,  
    PRIMARY KEY (DeliveryID),  
    FOREIGN KEY (ItemID) references Item(ItemID),  
    FOREIGN KEY (DepartmentID) references Department(DepartmentID),  
    FOREIGN KEY (SupplierID) references Supplier(SupplierID)  
);
```

```
INSERT INTO Item VALUES  
    (1, 'Boots - snakeproof', 'C', 'Green'),  
    (4, 'Camel saddle', 'R', 'Brown'),  
    (18, 'Compass', 'N', '-'),  
    (2, 'Elephant polo stick', 'R', 'Bamboo'),  
    (15, 'Exploring in 10 Easy Lessons', 'B', '-'),  
    (9, 'Geo positioning system', 'N', '-'),  
    (7, 'Hammock', 'F', 'Khaki'),  
    (6, 'Hat - polar explorer', 'C', 'White'),  
    (12, 'How to Win Foreign Friends', 'B', '-'),  
    (10, 'Map case', 'E', 'Brown'),  
    (11, 'Map measure', 'N', '-'),  
    (8, 'Pith helmet', 'C', 'Khaki'),  
    (13, 'Pocket knife - Avon', 'E', 'Brown'),  
    (14, 'Pocket knife - Nile', 'E', 'Brown'),  
    (5, 'Safari chair', 'F', 'Khaki'),  
    (16, 'Safari cooking kit', 'F', '-'),  
    (17, 'Sextant', 'N', '-'),  
    (3, 'Stetson', 'C', 'Black'),  
    (19, 'Tent - 2 person', 'F', 'Khaki'),  
    (20, 'Tent - 8 person', 'F', 'Khaki');
```

```
INSERT INTO Department VALUES  
    (1, 'Management', 5, 34, 1),  
    (8, 'Books', 1, 81, 4),  
    (3, 'Clothes', 2, 24, 4),  
    (4, 'Equipment', 3, 57, 3),  
    (5, 'Furniture', 4, 14, 3),  
    (6, 'Navigation', 1, 41, 3),  
    (7, 'Recreation', 2, 29, 4),  
    (2, 'Accounting', 5, 35, 5),  
    (9, 'Purchasing', 5, 36, 7),  
    (10, 'Personnel', 5, 37, 9),
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(11,'Marketing',5,38,2);
```

```
INSERT INTO Employee VALUES
(1,'Alice',75000,1,0),
(2,'Ned',45000,11,1),
(3,'Andrew',25000,11,2),
(4,'Clare',22000,11,2),
(5,'Todd',38000,2,1),
(6,'Nancy',22000,2,5),
(7,'Brier',43000,9,1),
(8,'Sarah',56000,9,7),
(9,'Sophie',35000,10,1),
(10,'Sanjay',15000,6,3),
(11,'Rita',15000,8,4),
(12,'Gigi',16000,3,4),
(13,'Maggie',16000,3,4),
(14,'Paul',11000,4,3),
(15,'James',15000,4,3),
(16,'Pat',15000,5,3),
(17,'Mark',15000,7,3);
```

```
INSERT INTO Sale VALUES
(1001,2,1 ,3),
(1002,1,8,3),
(1003,1,17,6),
(1004,3,6 ,3),
(1005,5,8,4),
(1006,1,14,3),
(1007,1,14,7),
(1008,1,18,6),
(1009,1,9 ,6),
(1010,5,11,6),
(1011,1,9 ,8),
(1012,1,17,8),
(1013,3,14,8),
(1014,1,14,6),
(1015,1,14,4),
(1016,1,17,3),
(1017,1,17,4),
(1018,1,17,7),
(1019,1,17,5),
(1020,1,14,5),
(1021,1,15 ,8),
(1022,1,12 ,8),
(1023,1,18 ,8),
(1024,1,8,8),
(1025,1,2 ,7),
(1026,1,4 ,7);
```

```
INSERT INTO Supplier VALUES
(101,'Global Books & Maps', '55244552'),
(102,'Nepalese Corp.', '55244552'),
(103,'All Sports Manufacturing', '55478252'),
(104,'Sweatshops Unlimited', '55245552'),
(105,'All Points_ Inc.', '54585252'),
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(106,'Sao Paulo Manufacturing', '54572752');
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INSERT INTO Delivery VALUES
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(51,50,14,6,105),  
(52,10,14,8,105),  
(53,10,14,3,105),  
(54,10,14,4,105),  
(55,10,14,5,105),  
(56,10,14,7,105),  
(57,50,18,6,101),  
(58,10,9,6,101),  
(59,10,11,6,101),  
(60,25,10,6,101),  
(61,2,17,6,101),  
(62,1,17,4,105),  
(63,20,18,4,103),  
(64,1,9,8,103),  
(65,15,11,6,103),  
(66,1,17,8,103),  
(67,5,17,7,102),  
(68,3,17,6,104),  
(69,5,1,3,105),  
(70,15,8,3,105),  
(71,1,8,3,101),  
(72,1,8,3,102),  
(73,1,8,3,103),  
(74,1,8,3,104),  
(75,5,8,6,105),  
(76,5,8,8,105),  
(77,5,8,4,105),  
(78,5,8,5,105),  
(79,5,8,7,105),  
(80,10,14,6,102),  
(81,1,18,6,102),  
(82,1,9,6,102),  
(83,10,11,6,102),  
(84,5,10,6,102),  
(85,5,18,8,102),  
(86,5,13,7,102),  
(87,5,19,7,102),  
(88,2,20,7,102),  
(89,5,15,6,102),  
(90,5,12,6,102),  
(91,10,15,8,102),  
(92,10,12,8,102),  
(93,2,15,7,102),  
(94,2,12,7,102),  
(95,5,18,4,105),  
(96,2,1,4,105),  
(97,20,8,4,106),  
(98,20,14,4,106),  
(99,1,17,4,106),  
(100,3,6,3,105),  
(101,3,3,3,105);
```

```
SET foreign_key_checks = 1;
```

