```sql
#1. Create the database
CREATE DATABASE SalesDatabase;
USE SalesDatabase;

CREATE TABLE `Products` (
  `ProductID` int(11) primary key NOT NULL,
  `ProductName` varchar(255) DEFAULT NULL,
  `SupplierID` int(11) DEFAULT NULL,
  `CategoryID` int(11) DEFAULT NULL,
  `Unit` varchar(255) DEFAULT NULL,
  `Price` double DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `Customers` (
  `CustomerID` int(11) primary key NOT NULL,
  `CustomerName` varchar(255) DEFAULT NULL,
  `ContactName` varchar(255) DEFAULT NULL,
  `Address` varchar(255) DEFAULT NULL,
  `City` varchar(255) DEFAULT NULL,
  `PostalCode` varchar(255) DEFAULT NULL,
  `Country` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create table department (
 DeptID int primary key,
    DeptName varchar(50)
);

CREATE TABLE `Employees` (
    `EmployeeID` int primary key not null,
    `LastName` varchar(255) DEFAULT NULL,
    `FirstName` varchar(255) DEFAULT NULL,
    `BirthDate` date DEFAULT NULL,
    `Salary` decimal(10,2),
    `DeptID` int,
    `Notes` text,
    FOREIGN KEY (`DeptID`) REFERENCES department(DeptID)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

#3. Create the Sales table
CREATE TABLE Sales (
    SalesID INT PRIMARY KEY,
    SalesRepID INT,
    ProductID INT,
    CustomerID int,
    SalesAmount DECIMAL(10, 2),
    SalesDate DATE,
    FOREIGN KEY (SalesRepID) REFERENCES Employees(EmployeeID),
    foreign key (ProductID) references Products(ProductID),
    foreign key (CustomerID) references Customers(CustomerID)
);

-- 4. Create the Targets table
CREATE TABLE Targets (
    SalesRepID INT PRIMARY KEY,
    Target DECIMAL(10, 2),
    FOREIGN KEY (SalesRepID) REFERENCES Employees(EmployeeID)
);

INSERT INTO department (DeptID, DeptName)
VALUES
(1, 'Data Analysis'),
(2, 'Sales'),
(3, 'IT'),
(4, 'Finance'),
(5, 'Marketing');

INSERT INTO `Employees` (`EmployeeID`, `LastName`, `FirstName`, `BirthDate`, `Salary`, `DeptID`, `Notes`) VALUES
(1, 'Davolio', 'Nancy', '1968-12-08', 52500.00, 1, 'Education includes a BA in psychology from Colorado State University. She also completed (The Art of the Co
(2, 'Fuller', 'Andrew', '1952-02-19', 67500.00, 1, 'Andrew received his BTS commercial and a Ph.D. in international marketing from the University of Dallas. He
(3, 'Leverling', 'Janet', '1963-08-30', 48000.00, 1, 'Janet has a BS degree in chemistry from Boston College. She has also completed a certificate program in f
(4, 'Peacock', 'Margaret', '1958-09-19', 59000.00, 2, 'Margaret holds a BA in English literature from Concordia College and an MA from the American Institute o
(5, 'Buchanan', 'Steven', '1955-03-04', 61000.00, 2, 'Steven Buchanan graduated from St. Andrews University, Scotland, with a BSC degree. Upon joining the comp
(6, 'Suyama', 'Michael', '1963-07-02', 54000.00, 2, 'Michael is a graduate of Sussex University (MA, economics) and the University of California at Los Angeles
(7, 'King', 'Robert', '1960-05-29', 45500.00, 2, 'Robert King served in the Peace Corps and traveled extensively before completing his degree in English at the
(8, 'Callahan', 'Laura', '1958-01-09', 47000.00, 3, 'Laura received a BA in psychology from the University of Washington. She has also completed a course in bu
(9, 'Dodsworth', 'Anne', '1969-07-02', 49500.00, 3, 'Anne has a BA degree in English from St. Lawrence College. She is fluent in French and German.'),
(10, 'West', 'Adam', '1928-09-19', 32000.00, 3, 'An old chum.'),
(11, 'Johnson', 'Sarah', '1970-12-12', 63000.00, 2, 'Sarah has over 15 years of experience in international sales and marketing.'),
(12, 'White', 'David', '1985-07-07', 58000.00, 2, 'David leads client outreach strategies across Europe and Asia.'),
(13, 'Harris', 'Jennifer', '1990-03-10', 47000.00, 2, 'Jennifer focuses on regional sales campaigns and customer acquisition.'),
(14, 'Martinez', 'Carlos', '1984-11-05', 60000.00, 2, 'Carlos specializes in Latin American sales operations and growth strategies.'),
(15, 'Parker', 'Emily', '1991-08-22', 55000.00, 2, 'Emily oversees strategic partnerships and key account management for enterprise clients.'),
(16, 'Taylor', 'James', '1988-02-14', 47000.00, 1, 'James is an expert in statistical analysis and process optimization.'),
(17, 'Clark', 'William', '1992-06-25', 49000.00, 3, 'William is a software developer with expertise in backend development.'),
(18, 'Lewis', 'Sophia', '1994-11-19', 53000.00, 3, 'Sophia is an IT systems analyst with strong knowledge of enterprise systems.'),
(19, 'Allen', 'Grace', '1979-01-22', 56000.00, 4, 'Grace manages the department\'s financial forecasting and budgeting.'),
(20, 'King', 'Liam', '1990-02-15', 60000.00, 5, 'Liam leads marketing campaigns for key product launches.'),
(21, 'Green', 'Isabella', '1993-09-05', 57000.00, 5, 'Isabella creates marketing strategies that optimize digital outreach.'),
(22, 'Baker', 'Mason', '1989-07-18', 59000.00, 5, 'Mason oversees global brand development initiatives.');

-- 7. Insert data into Targets table
INSERT INTO Targets (SalesRepID, Target) VALUES
(4, 7000),
(5, 9000),
(6, 5000),
(7, 9500),
(11, 4000),
(12, 7500),
(13, 8200),
(14, 6500),
(15, 8700);

INSERT INTO `Customers` (`CustomerID`, `CustomerName`, `ContactName`, `Address`, `City`, `PostalCode`, `Country`) VALUES
(1, 'Alfreds Futterkiste', 'Maria Anders', 'Obere Str. 57', 'Berlin', '12209', 'Germany'),
(2, 'Ana Trujillo Emparedados y helados', 'Ana Trujillo', 'Avda. de la Constitución 2222', 'México D.F.', '05021', 'Mexico'),
```

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(3, 'Antonio Moreno Taquería', 'Antonio Moreno', 'Mataderos 2312', 'México D.F.', '05023', 'Mexico'),
(4, 'Around the Horn', 'Thomas Hardy', '120 Hanover Sq.', 'London', 'WA1 1DP', 'UK'),
(5, 'Berglunds snabbköp', 'Christina Berglund', 'Berguvsvägen 8', 'Luleå', 'S-958 22', 'Sweden'),
(6, 'Blauer See Delikatessen', 'Hanna Moos', 'Forsterstr. 57', 'Mannheim', '68306', 'Germany'),
(7, 'Blondel père et fils', 'Frédérique Citeaux', '24, place Kléber', 'Strasbourg', '67000', 'France'),
(8, 'Bólido Comidas preparadas', 'Martín Sommer', 'C/ Araquil, 67', 'Madrid', '28023', 'Spain'),
(9, 'Bon app\'', 'Laurence Lebihans', '12, rue des Bouchers', 'Marseille', '13008', 'France'),
(10, 'Bottom-Dollar Marketse', 'Elizabeth Lincoln', '23 Tsawassen Blvd.', 'Tsawassen', 'T2F 8M4', 'Canada'),
(11, 'B\'s Beverages', 'Victoria Ashworth', 'Fauntleroy Circus', 'London', 'EC2 5NT', 'UK'),
(12, 'Cactus Comidas para llevar', 'Patricio Simpson', 'Cerrito 333', 'Buenos Aires', '1010', 'Argentina'),
(13, 'Centro comercial Moctezuma', 'Francisco Chang', 'Sierras de Granada 9993', 'México D.F.', '05022', 'Mexico'),
(14, 'Chop-suey Chinese', 'Yang Wang', 'Hauptstr. 29', 'Bern', '3012', 'Switzerland'),
(15, 'Comércio Mineiro', 'Pedro Afonso', 'Av. dos Lusíadas, 23', 'São Paulo', '05432-043', 'Brazil'),
(16, 'Consolidated Holdings', 'Elizabeth Brown', 'Berkeley Gardens 12 Brewery', 'London', 'WX1 6LT', 'UK'),
(17, 'Drachenblut Delikatessend', 'Sven Ottlieb', 'Walserweg 21', 'Aachen', '52066', 'Germany'),
(18, 'Du monde entier', 'Janine Labrune', '67, rue des Cinquante Otages', 'Nantes', '44000', 'France'),
(19, 'Eastern Connection', 'Ann Devon', '35 King George', 'London', 'WX3 6FW', 'UK'),
(20, 'Ernst Handel', 'Roland Mendel', 'Kirchgasse 6', 'Graz', '8010', 'Austria'),
(21, 'Familia Arquibaldo', 'Aria Cruz', 'Rua Orós, 92', 'São Paulo', '05442-030', 'Brazil'),
(22, 'FISSA Fabrica Inter. Salchichas S.A.', 'Diego Roel', 'C/ Moralzarzal, 86', 'Madrid', '28034', 'Spain'),
(23, 'Folies gourmandes', 'Martine Rancé', '184, chaussée de Tournai', 'Lille', '59000', 'France'),
(24, 'Folk och fä HB', 'Maria Larsson', 'Åkergatan 24', 'Bräcke', 'S-844 67', 'Sweden'),
(25, 'Frankenversand', 'Peter Franken', 'Berliner Platz 43', 'München', '80805', 'Germany'),
(26, 'France restauration', 'Carine Schmitt', '54, rue Royale', 'Nantes', '44000', 'France'),
(27, 'Franchi S.p.A.', 'Paolo Accorti', 'Via Monte Bianco 34', 'Torino', '10100', 'Italy'),
(28, 'Furia Bacalhau e Frutos do Mar', 'Lino Rodriguez', 'Jardim das rosas n. 32', 'Lisboa', '1675', 'Portugal'),
(29, 'Galería del gastrónomo', 'Eduardo Saavedra', 'Rambla de Cataluña, 23', 'Barcelona', '08022', 'Spain'),
(30, 'Godos Cocina Típica', 'José Pedro Freyre', 'C/ Romero, 33', 'Sevilla', '41101', 'Spain'),
(31, 'Gourmet Lanchonetes', 'André Fonseca', 'Av. Brasil, 442', 'Campinas', '04876-786', 'Brazil'),
(32, 'Great Lakes Food Market', 'Howard Snyder', '2732 Baker Blvd.', 'Eugene', '97403', 'USA'),
(33, 'GROSELLA-Restaurante', 'Manuel Pereira', '5ª Ave. Los Palos Grandes', 'Caracas', '1081', 'Venezuela'),
(34, 'Hanari Carnes', 'Mario Pontes', 'Rua do Paço, 67', 'Rio de Janeiro', '05454-876', 'Brazil'),
(35, 'HILARIÓN-Abastos', 'Carlos Hernández', 'Carrera 22 con Ave. Carlos Soublette #8-35', 'San Cristóbal', '5022', 'Venezuela'),
(36, 'Hungry Coyote Import Store', 'Yoshi Latimer', 'City Center Plaza 516 Main St.', 'Elgin', '97827', 'USA'),
(37, 'Hungry Owl All-Night Grocers', 'Patricia McKenna', '8 Johnstown Road', 'Cork', '', 'Ireland'),
(38, 'Island Trading', 'Helen Bennett', 'Garden House Crowther Way', 'Cowes', 'PO31 7PJ', 'UK'),
(39, 'Königlich Essen', 'Philip Cramer', 'Maubelstr. 90', 'Brandenburg', '14776', 'Germany'),
(40, 'La corne d\'abondance', 'Daniel Tonini', '67, avenue de l\'Europe', 'Versailles', '78000', 'France'),
(41, 'La maison d\'Asie', 'Annette Roulet', '1 rue Alsace-Lorraine', 'Toulouse', '31000', 'France'),
(42, 'Laughing Bacchus Wine Cellars', 'Yoshi Tannamuri', '1900 Oak St.', 'Vancouver', 'V3F 2K1', 'Canada'),
(43, 'Lazy K Kountry Store', 'John Steel', '12 Orchestra Terrace', 'Walla Walla', '99362', 'USA'),
(44, 'Lehmanns Marktstand', 'Renate Messner', 'Magazinweg 7', 'Frankfurt a.M.', '60528', 'Germany'),
(45, 'Let\'s Stop N Shop', 'Jaime Yorres', '87 Polk St. Suite 5', 'San Francisco', '94117', 'USA'),
(46, 'LILA-Supermercado', 'Carlos González', 'Carrera 52 con Ave. Bolívar #65-98 Llano Largo', 'Barquisimeto', '3508', 'Venezuela'),
(47, 'LINO-Delicateses', 'Felipe Izquierdo', 'Ave. 5 de Mayo Porlamar', 'I. de Margarita', '4980', 'Venezuela'),
(48, 'Lonesome Pine Restaurant', 'Fran Wilson', '89 Chiaroscuro Rd.', 'Portland', '97219', 'USA'),
(49, 'Magazzini Alimentari Riuniti', 'Giovanni Rovelli', 'Via Ludovico il Moro 22', 'Bergamo', '24100', 'Italy'),
(50, 'Maison Dewey', 'Catherine Dewey', 'Rue Joseph-Bens 532', 'Bruxelles', 'B-1180', 'Belgium'),
(51, 'Mère Paillarde', 'Jean Fresnière', '43 rue St. Laurent', 'Montréal', 'H1J 1C3', 'Canada'),
(52, 'Morgenstern Gesundkost', 'Alexander Feuer', 'Heerstr. 22', 'Leipzig', '04179', 'Germany'),
(53, 'North/South', 'Simon Crowther', 'South House 300 Queensbridge', 'London', 'SW7 1RZ', 'UK'),
(54, 'Océano Atlántico Ltda.', 'Yvonne Moncada', 'Ing. Gustavo Moncada 8585 Piso 20-A', 'Buenos Aires', '1010', 'Argentina'),
(55, 'Old World Delicatessen', 'Rene Phillips', '2743 Bering St.', 'Anchorage', '99508', 'USA'),
(56, 'Ottilies Käseladen', 'Henriette Pfalzheim', 'Mehrheimerstr. 369', 'Köln', '50739', 'Germany'),
(57, 'Paris spécialités', 'Marie Bertrand', '265, boulevard Charonne', 'Paris', '75012', 'France'),
(58, 'Pericles Comidas clásicas', 'Guillermo Fernández', 'Calle Dr. Jorge Cash 321', 'México D.F.', '05033', 'Mexico'),
(59, 'Piccolo und mehr', 'Georg Pipps', 'Geislweg 14', 'Salzburg', '5020', 'Austria'),
(60, 'Princesa Isabel Vinhoss', 'Isabel de Castro', 'Estrada da saúde n. 58', 'Lisboa', '1756', 'Portugal'),
(61, 'Que Delícia', 'Bernardo Batista', 'Rua da Panificadora, 12', 'Rio de Janeiro', '02389-673', 'Brazil'),
(62, 'Queen Cozinha', 'Lúcia Carvalho', 'Alameda dos Canàrios, 891', 'São Paulo', '05487-020', 'Brazil'),
(63, 'QUICK-Stop', 'Horst Kloss', 'Taucherstraße 10', 'Cunewalde', '01307', 'Germany'),
(64, 'Rancho grande', 'Sergio Gutiérrez', 'Av. del Libertador 900', 'Buenos Aires', '1010', 'Argentina'),
(65, 'Rattlesnake Canyon Grocery', 'Paula Wilson', '2817 Milton Dr.', 'Albuquerque', '87110', 'USA'),
(66, 'Reggiani Caseifici', 'Maurizio Moroni', 'Strada Provinciale 124', 'Reggio Emilia', '42100', 'Italy'),
(67, 'Ricardo Adocicados', 'Janete Limeira', 'Av. Copacabana, 267', 'Rio de Janeiro', '02389-890', 'Brazil'),
(68, 'Richter Supermarkt', 'Michael Holz', 'Grenzacherweg 237', 'Genève', '1203', 'Switzerland'),
(69, 'Romero y tomillo', 'Alejandra Camino', 'Gran Vía, 1', 'Madrid', '28001', 'Spain'),
(70, 'Santé Gourmet', 'Jonas Bergulfsen', 'Erling Skakkes gate 78', 'Stavern', '4110', 'Norway'),
(71, 'Save-a-lot Markets', 'Jose Pavarotti', '187 Suffolk Ln.', 'Boise', '83720', 'USA'),
(72, 'Seven Seas Imports', 'Hari Kumar', '90 Wadhurst Rd.', 'London', 'OX15 4NB', 'UK'),
(73, 'Simons bistro', 'Jytte Petersen', 'Vinbæltet 34', 'København', '1734', 'Denmark'),
(74, 'Spécialités du monde', 'Dominique Perrier', '25, rue Lauriston', 'Paris', '75016', 'France'),
(75, 'Split Rail Beer & Ale', 'Art Braunschweiger', 'P.O. Box 555', 'Lander', '82520', 'USA'),
(76, 'Suprêmes délices', 'Pascale Cartrain', 'Boulevard Tirou, 255', 'Charleroi', 'B-6000', 'Belgium'),
(77, 'The Big Cheese', 'Liz Nixon', '89 Jefferson Way Suite 2', 'Portland', '97201', 'USA'),
(78, 'The Cracker Box', 'Liu Wong', '55 Grizzly Peak Rd.', 'Butte', '59801', 'USA'),
(79, 'Toms Spezialitäten', 'Karin Josephs', 'Luisenstr. 48', 'Münster', '44087', 'Germany'),
(80, 'Tortuga Restaurante', 'Miguel Angel Paolino', 'Avda. Azteca 123', 'México D.F.', '05033', 'Mexico'),
(81, 'Tradição Hipermercados', 'Anabela Domingues', 'Av. Inês de Castro, 414', 'São Paulo', '05634-030', 'Brazil'),
(82, 'Trail\'s Head Gourmet Provisioners', 'Helvetius Nagy', '722 DaVinci Blvd.', 'Kirkland', '98034', 'USA'),
(83, 'Vaffeljernet', 'Palle Ibsen', 'Smagsløget 45', 'Århus', '8200', 'Denmark'),
(84, 'Victuailles en stock', 'Mary Saveley', '2, rue du Commerce', 'Lyon', '69004', 'France'),
(85, 'Vins et alcools Chevalier', 'Paul Henriot', '59 rue de l\'Abbaye', 'Reims', '51100', 'France'),
(86, 'Die Wandernde Kuh', 'Rita Müller', 'Adenauerallee 900', 'Stuttgart', '70563', 'Germany'),
(87, 'Wartian Herkku', 'Pirkko Koskitalo', 'Torikatu 38', 'Oulu', '90110', 'Finland'),
(88, 'Wellington Importadora', 'Paula Parente', 'Rua do Mercado, 12', 'Resende', '08737-363', 'Brazil'),
(89, 'White Clover Markets', 'Karl Jablonski', '305 - 14th Ave. S. Suite 3B', 'Seattle', '98128', 'USA'),
(90, 'Wilman Kala', 'Matti Karttunen', 'Keskuskatu 45', 'Helsinki', '21240', 'Finland'),
(91, 'Wolski', 'Zbyszek', 'ul. Filtrowa 68', 'Walla', '01-012', 'Poland');


INSERT INTO `Products` (`ProductID`, `ProductName`, `SupplierID`, `CategoryID`, `Unit`, `Price`) VALUES
(1, 'Chais', 1, 1, '10 boxes x 20 bags', 18),
(2, 'Chang', 1, 1, '24 - 12 oz bottles', 19),
(3, 'Aniseed Syrup', 1, 2, '12 - 550 ml bottles', 10),
(4, 'Chef Anton\'s Cajun Seasoning', 2, 2, '48 - 6 oz jars', 22),
(5, 'Chef Anton\'s Gumbo Mix', 2, 2, '36 boxes', 21.35),
(6, 'Grandma\'s Boysenberry Spread', 3, 2, '12 - 8 oz jars', 25),
(7, 'Uncle Bob\'s Organic Dried Pears', 3, 7, '12 - 1 lb pkgs.', 30),
(8, 'Northwoods Cranberry Sauce', 3, 2, '12 - 12 oz jars', 40),
(9, 'Mishi Kobe Niku', 4, 6, '18 - 500 g pkgs.', 97),
(10, 'Ikura', 4, 8, '12 - 200 ml jars', 31),
(11, 'Queso Cabrales', 5, 4, '1 kg pkg.', 21),
(12, 'Queso Manchego La Pastora', 5, 4, '10 - 500 g pkgs.', 38),
(13, 'Konbu', 6, 8, '2 kg box', 6),
(14, 'Tofu', 6, 7, '40 - 100 g pkgs.', 23.25),
(15, 'Genen Shouyu', 6, 2, '24 - 250 ml bottles', 15.5),
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(16, 'Pavlova', 7, 3, '32 - 500 g boxes', 17.45),
(17, 'Alice Mutton', 7, 6, '20 - 1 kg tins', 39),
(18, 'Carnarvon Tigers', 7, 8, '16 kg pkg.', 62.5),
(19, 'Teatime Chocolate Biscuits', 8, 3, '10 boxes x 12 pieces', 9.2),
(20, 'Sir Rodney\'s Marmalade', 8, 3, '30 gift boxes', 81),
(21, 'Sir Rodney\'s Scones', 8, 3, '24 pkgs. x 4 pieces', 10),
(22, 'Gustaf\'s Knäckebröd', 9, 5, '24 - 500 g pkgs.', 21),
(23, 'Tunnbröd', 9, 5, '12 - 250 g pkgs.', 9),
(24, 'Guaraná Fantástica', 10, 1, '12 - 355 ml cans', 4.5),
(25, 'NuNuCa Nuß-Nougat-Creme', 11, 3, '20 - 450 g glasses', 14),
(26, 'Gumbär Gummibärchen', 11, 3, '100 - 250 g bags', 31.23),
(27, 'Schoggi Schokolade', 11, 3, '100 - 100 g pieces', 43.9),
(28, 'Rössle Sauerkraut', 12, 7, '25 - 825 g cans', 45.6),
(29, 'Thüringer Rostbratwurst', 12, 6, '50 bags x 30 sausgs.', 123.79),
(30, 'Nord-Ost Matjeshering', 13, 8, '10 - 200 g glasses', 25.89),
(31, 'Gorgonzola Telino', 14, 4, '12 - 100 g pkgs', 12.5),
(32, 'Mascarpone Fabioli', 14, 4, '24 - 200 g pkgs.', 32),
(33, 'Geitost', 15, 4, '500 g', 2.5),
(34, 'Sasquatch Ale', 16, 1, '24 - 12 oz bottles', 14),
(35, 'Steeleye Stout', 16, 1, '24 - 12 oz bottles', 18),
(36, 'Inlagd Sill', 17, 8, '24 - 250 g jars', 19),
(37, 'Gravad lax', 17, 8, '12 - 500 g pkgs.', 26),
(38, 'Côte de Blaye', 18, 1, '12 - 75 cl bottles', 263.5),
(39, 'Chartreuse verte', 18, 1, '750 cc per bottle', 18),
(40, 'Boston Crab Meat', 19, 8, '24 - 4 oz tins', 18.4),
(41, 'Jack\'s New England Clam Chowder', 19, 8, '12 - 12 oz cans', 9.65),
(42, 'Singaporean Hokkien Fried Mee', 20, 5, '32 - 1 kg pkgs.', 14),
(43, 'Ipoh Coffee', 20, 1, '16 - 500 g tins', 46),
(44, 'Gula Malacca', 20, 2, '20 - 2 kg bags', 19.45),
(45, 'Røgede sild', 21, 8, '1k pkg.', 9.5),
(46, 'Spegesild', 21, 8, '4 - 450 g glasses', 12),
(47, 'Zaanse koeken', 22, 3, '10 - 4 oz boxes', 9.5),
(48, 'Chocolade', 22, 3, '10 pkgs.', 12.75),
(49, 'Maxilaku', 23, 3, '24 - 50 g pkgs.', 20),
(50, 'Valkoinen suklaa', 23, 3, '12 - 100 g bars', 16.25),
(51, 'Manjimup Dried Apples', 24, 7, '50 - 300 g pkgs.', 53),
(52, 'Filo Mix', 24, 5, '16 - 2 kg boxes', 7),
(53, 'Perth Pasties', 24, 6, '48 pieces', 32.8),
(54, 'Tourtière', 25, 6, '16 pies', 7.45),
(55, 'Pâté chinois', 25, 6, '24 boxes x 2 pies', 24),
(56, 'Gnocchi di nonna Alice', 26, 5, '24 - 250 g pkgs.', 38),
(57, 'Ravioli Angelo', 26, 5, '24 - 250 g pkgs.', 19.5),
(58, 'Escargots de Bourgogne', 27, 8, '24 pieces', 13.25),
(59, 'Raclette Courdavault', 28, 4, '5 kg pkg.', 55),
(60, 'Camembert Pierrot', 28, 4, '15 - 300 g rounds', 34),
(61, 'Sirop d\'érable', 29, 2, '24 - 500 ml bottles', 28.5),
(62, 'Tarte au sucre', 29, 3, '48 pies', 49.3),
(63, 'Vegie-spread', 7, 2, '15 - 625 g jars', 43.9),
(64, 'Wimmers gute Semmelknödel', 12, 5, '20 bags x 4 pieces', 33.25),
(65, 'Louisiana Fiery Hot Pepper Sauce', 2, 2, '32 - 8 oz bottles', 21.05),
(66, 'Louisiana Hot Spiced Okra', 2, 2, '24 - 8 oz jars', 17),
(67, 'Laughing Lumberjack Lager', 16, 1, '24 - 12 oz bottles', 14),
(68, 'Scottish Longbreads', 8, 3, '10 boxes x 8 pieces', 12.5),
(69, 'Gudbrandsdalsost', 15, 4, '10 kg pkg.', 36),
(70, 'Outback Lager', 7, 1, '24 - 355 ml bottles', 15),
(71, 'Fløtemysost', 15, 4, '10 - 500 g pkgs.', 21.5),
(72, 'Mozzarella di Giovanni', 14, 4, '24 - 200 g pkgs.', 34.8),
(73, 'Röd Kaviar', 17, 8, '24 - 150 g jars', 15),
(74, 'Longlife Tofu', 4, 7, '5 kg pkg.', 10),
(75, 'Rhönbräu Klosterbier', 12, 1, '24 - 0.5 l bottles', 7.75),
(76, 'Lakkalikööri', 23, 1, '500 ml', 18),
(77, 'Original Frankfurter grüne Soße', 12, 2, '12 boxes', 13);

INSERT INTO Sales (SalesID, SalesRepID, ProductID, CustomerID, SalesAmount, SalesDate) VALUES
(1, 4, 35, 10, 5000.00, '2023-08-05'),
(2, 4, 22, 45, 3500.00, '2023-08-06'),
(3, 5, 51, 18, 4500.00, '2023-08-07'),
(4, 5, 17, 23, 5500.00, '2023-08-10'),
(5, 6, 28, 39, 6000.00, '2023-08-12'),
(6, 6, 67, 74, 4500.00, '2023-08-14'),
(7, 7, 13, 5, 7000.00, '2023-08-15'),
(8, 7, 46, 62, 4800.00, '2023-08-16'),
(9, 11, 33, 31, 5500.00, '2023-08-17'),
(10, 11, 58, 52, 6300.00, '2023-08-18'),
(11, 12, 41, 61, 4800.00, '2023-08-19'),
(12, 12, 16, 28, 4200.00, '2023-08-21'),
(13, 13, 74, 83, 5000.00, '2023-08-22'),
(14, 13, 62, 51, 4700.00, '2023-08-23'),
(15, 14, 25, 8, 5500.00, '2023-08-24'),
(16, 14, 55, 35, 6000.00, '2023-08-25'),
(17, 15, 48, 59, 4800.00, '2023-08-26'),
(18, 15, 60, 72, 5300.00, '2023-08-27');


#Example1
SELECT E.FirstName, E.LastName, E.Salary, D.DeptName
FROM Employees E
INNER JOIN Department D ON E.DeptID = D.DeptID
WHERE D.DeptName = 'Sales' AND E.Salary > 50000;

#Example2
select FirstName
from Employees
where Salary between 40000 and 60000;

#Example3
SELECT E.FirstName, E.LastName, E.HireDate, D.DeptName
FROM Employees E
INNER JOIN Department D ON E.DeptID = D.DeptID
WHERE D.DeptName = 'Marketing' AND E.Salary >= 60000
ORDER BY HireDate;

#Example4
SELECT SalesAmount,CustomerName FROM SALES
right join CUSTOMERS
on sales.CustomerID = Customers.CustomerID
```

```sql
where SALES.SalesAmount>1000 AND SALES.SALESDATE >= '2023-08-01'
ORDER BY SALES.SALESDATE ASC;

#Example5
SELECT e.FirstName, e.LastName, d.DeptName
FROM Employees e
INNER JOIN department d ON e.DeptID = d.DeptID;

#Example6
select products.productID, productName, SUM(salesAmount) AS total_sales
FROM Products
inner join sales
on sales.productID = products.productID
WHERE salesdate BETWEEN '2024-04-01' AND '2024-06-30'
GROUP BY productID, productName;

#Example7
select e.FirstName, e.salary
from Employees e
JOIN (SELECT deptID , AVG(Salary) as AvgSalary
    FROM Employees
    GROUP BY deptID) AS DeptAvg
ON e.deptID = DeptAvg.deptID
WHERE e.Salary > DeptAvg.AvgSalary;

#Example8
SELECT e.FirstName, e.LastName, SUM(s.SalesAmount) AS TotalSales, t.Target
FROM Employees e
JOIN Sales s ON e.EmployeeID = s.SalesRepID
JOIN Targets t ON e.EmployeeID = t.SalesRepID
WHERE YEAR(s.SalesDate) = 2023
GROUP BY e.EmployeeID
HAVING SUM(s.SalesAmount) > t.Target
ORDER BY TotalSales DESC
LIMIT 5;
```