CREATE TABLE ‘Position’ {

‘Pos\_Numb’ int(10) NOT NULL AUTO\_INCREMENT,

‘Pos\_Abbr’ Varchar(20),

‘Pos\_Title’ Varchar(50),

‘Min\_Salary’ Double(10,5),

‘Max\_Salary’ Double(10,5),

PRIMARY KEY (‘Pos\_Numb’)

}

CREATE TABLE ‘Bonus’ {

‘Bonus\_date’ DATE NOT NULL,

‘Bonus\_amo’ Double(10,5) NOT NULL,

‘emp\_id’ int(10) NOT NULL,

PRIMARY KEY (‘emp\_id’),

PRIMARY KEY (‘Bonus\_date’),

FOREIGN KEY (‘emp\_id’) REFERENCES (‘Employee.emp\_id’)

}

CREATE TABLE ‘Training’ {

‘Year’ smallInt,

‘Course’ Varchar(255),

‘Emp\_id’ int(10),

PRIMARY KEY (‘Emp\_id’),

PRIMARY KEY (‘Year’),

PRIMARY KEY (‘Course’),

FOREGIN KEY (‘Emp\_id’) REFERENCES (‘Employee.emp\_id’)

}

CREATE TABLE ‘Pref\_Appraisal’{

‘Target\_Code’ Int(10) NOT NULL,

‘Description’ Varchar(255) NOT NULL,

‘Manager\_id’ Int(10) NOT NULL,

‘Emp\_id’ int(10) NOT NULL,

‘Timestamp’ DATETIME NOT NULL,

PRIMARY KEY (‘Target\_Code’),

PRIMARY KEY (‘Manager\_id’),

PRIMARY KEY (‘Emp\_id’),

PRIMARY KEY (‘Timestamp’),

FOREIGN KEY (‘Manager\_id’) REFERENCES (‘Employee.Emp\_id’),

FOREIGN KEY (‘Emp\_id’) REFERENCES (‘Employee.emp\_id’)

}

CREATE TABLE ‘Target’ {

‘Target\_Code’ Int(10) NOT NULL,

‘Target\_Description\_En’ NOT NULL,

PRIMARY KEY (‘Target\_Code’),

}

CREATE TABLE ‘Employee’

‘emp\_id’ int(10) NOT NULL AUTO\_INCREMENT,

‘emp\_FirstName’ Varchar(20) NOT NULL,

‘emp\_LastName’ Varchar(20) NOT NULL,

‘street’ Varchar(100),

‘city’ Varchar(30),

‘state’ Varchar(2),

‘zip\_code’ Varchar(10),

‘phone’ Varchar(20),

‘status’ Varchar(2),

‘ss\_number’ Varchar(10),

‘start\_date’ DATETIME,

‘termination\_date’ DATETIME,

‘birth\_date’ DATETIME,

‘bene\_health\_ins’ Char,

‘bene\_life\_ins’ Char,

‘bene\_day\_care’ Char,

‘sex’ Char,

‘Salary’ Double(10,5),

‘phone\_work’ Varchar(20),

‘Extension’ Varchar(6),

‘Fax’ Varchar(20),

‘Email’ Varchar(50),

‘Cv’ Varchar(50),

‘Manager\_id’ int(10),

‘Branch \_Code’ int(10) NOT NULL,

‘Pos\_Numb’ int(10) NOT NULL,

PRIMARY KEY (‘emp\_id’),

FOREIGN KEY (‘Manager\_id’) REFERENCES (‘Employee.emp\_id’),

FOREIGN KEY (‘Branch \_Code’) REFERENCES (‘Branch.Branch\_Code’),

FOREIGN KEY (‘Pos\_Numb’) REFERENCES (‘Position.Pos\_Numb’)

}

CREATE TABLE ‘Order\_Method’

‘Order\_Method\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Order\_Method’En’ Varchar(255) NOT NULL,

PRIMARY KEY (‘Order\_Method\_Code’),

}

CREATE TABLE ‘Department’

‘Dept\_Id’ int(10) NOT NULL AUTO\_INCREMENT,

‘Dept\_Name’ Varchar(255) NOT NULL,

‘Dept\_Head\_id’ int(10) NOT NULL,

PRIMARY KEY (‘Dept\_id’),

FOREIGN KEY (‘Dept\_Head\_id’) REFERENCES (‘Employee.emp\_id’)

}

CREATE TABLE ‘Branch’ {

‘Branch\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Address1’ Varchar(50) NOT NULL,

‘Address2’ Varchar(50),

‘City’ Varchar(40),

‘Region’ Varchar(50),

‘Postal\_Zone’ Varchar(10),

‘Dept\_id’ Int(10) NOT NULL,

‘Country\_Code’ Integer(10),

PRIMARY KEY (‘Branch\_Code’),

FOREIGN KEY (‘Country\_Code’) REFERENCES (‘Country.Country\_Code’),

FOREIGN KEY (‘Dept\_id’) REFERENCES (‘Department.Dept\_id’)

}

CREATE TABLE ‘Country’ {

‘Country\_Code’ Integer(10) NOT NULL,

‘Country’ Varchar(50) NOT NULL,

‘Language’ Varchar(255) NOT NULL,

PRIMARY KEY (‘Country\_Code’)

}

CREATE TABLE ‘Promotion’ {

‘Pr\_Number’ smallInt NOT NULL,

‘Date\_Start’ DateTime,

‘Date\_End’ DateTime,

‘Description’ Varchar(255),

PRIMARY KEY (‘Pr\_Number’)

}

CREATE TABLE ‘Product\_Forecast’ {

‘Product\_number’ Integer,

‘Year’ smallInt,

‘Month’ Tinyint,

‘Expected\_Volume’ Integer,

PRIMARY KEY (‘Product\_number’),

PRIMARY KEY (‘Year),

PRIMARY KEY (‘Month’),

FOREIGN KEY (‘Product\_number’) REFERENCES (‘Product.Product\_Number’)

}

CREATE TABLE ‘Inventory’ {

‘Inventory\_Year’ SmallInt NOT NULL,

‘Inventory\_Month’ Tinyint NOT NULL,

‘Product\_Number’ int(10) NOT NULL,

‘Inventory\_Count’ int(10) NOT NULL,

PRIMARY KEY (‘Inventory\_Year’),

PRIMARY KEY (‘Inventory\_Month’),

PRIMARY KEY (‘Product\_Number’),

FOREIGN KEY (‘Product\_Number’) REFERENCES (‘Product.Product\_Number’)

}

CREATE TABLE ‘Storage’ {

‘Storage\_Code’ Int(10) NOT NULL,

‘City’ Varchar(50),

‘Country\_Code’ Int(10),

PRIMARY KEY (‘Storage\_Code’),

FOREIGN KEY (‘Country\_Code’) REFERENCES (‘Country.Country\_Code’)

}

CREATE TABLE ‘Campaign’ {

‘Pr\_Number’ smallInt NOT NULL,

‘Product\_Number’ int(10) NOT NULL,

‘Discount’ int(3) NOT NULL,

PRIMARY KEY (‘Pr\_Number’),

PRIMARY KEY (‘Product\_Number),

FOREIGN KEY (‘Product\_Number’) REFERENCES (‘Product.Product\_Number’)

}

CREATE TABLE ‘Product’ {

‘Product\_number’ int(10) NOT NULL AUTO\_INCREMENT,

‘Introduction\_Date’ DATE NOT NULL,

‘Product\_Type\_id’ int(10) NOT NULL,

‘Production\_Cost’ Float NOT NULL,

‘Margin’ Float NOT NULL,

‘Product\_Image’ Varchar(255) NOT NULL,

‘Product\_name’ Varchar(255),

‘Product\_Description’ Varchar(255),

‘Product\_Size’ Enum(‘x-Small’, ‘Small’, ‘Medium’, ‘Large’, ‘x-Large’, ‘xx-Large’, ‘xxx-Large’),

‘Product\_Color’ Varchar(255),

PRIMARY KEY (‘Product\_number’),

FOREIGN KEY (‘Product\_Type\_id’) REFERENCES (‘Product\_type.Prod\_Type\_Code’)

}

CREATE TABLE ‘Sales\_Target’ {

‘Emp\_id’ Int(10) NOT NULL,

‘Sales\_Year” SmallInt NOT NULL,

‘Sales\_Period’ Int(10) NOT NULL,

‘Retailer\_Name’ Varchar(50) NOT NULL ,

‘Product\_Number’ int(10) NOT NULL,

‘Sales\_Target’ Float NOT NULL,

‘Retailer\_Code’ Int(10) NOT NULL,

PRIMARY KEY (‘Emp\_id’),

PRIMARY KEY (‘Sales\_Year’),

PRIMARY KEY (‘Sales\_Period’),

FOREIGN KEY (‘Emp\_id’) REFERENCES (‘Employee.Emp\_id’),

FOREIGN KEY (‘Product\_Number’) REFERENCES (‘Product.Product\_number’),

FOREIGN KEY (‘Retailer\_Code’) REFERENCES (‘Retailer.Retailer\_Code’)

}

CREATE TABLE ‘Product\_Type’ {

‘Product\_Type\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Product\_Line\_Code’ int(10),

‘Product\_Type\_En’ Varchar(80) NOT NULL,

PRIMARY KEY (‘Prod\_Type\_Code’),

FOREIGN KEY (‘Prod\_Line\_Code’) REFERENCES (‘Product\_Line.Prod\_Line\_Code’)

}

CREATE TABLE ‘Product\_Line’ {

‘Prod\_Line\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Prod\_Line\_En’ Varchar(80) NOT NULL,

PRIMARY KEY (‘Prod\_Line\_Code’),

}

CREATE TABLE ‘Order” {

‘Order\_id’ int(10) NOT NULL AUTO\_INCREMENT,

‘Retailer\_Site\_Code’ int(10) NOT NULL,

‘emp\_id’ int(10) NOT NULL,

‘Sales\_Branch\_Code’ int(10) NOT NULL,

‘Order\_date’ DATETIME NOT NULL,

‘Order\_Method\_Code’ int(10) NOT NULL,

‘Finance\_Code’ Int(10),

‘Region’ Varchar(50),

PRIMARY KEY (‘Order\_id’),

FOREIGN KEY (‘emp\_id’) REFERENCES (‘Employee.emp\_id’),

FOREIGN KEY (‘Order\_Method\_Code’) REFERENCES (‘Order\_Method.Order\_Method\_Code’),

FOREIGN KEY (‘Retailer\_Site\_Code’) REFERENCES (‘Retailer\_Site.Retailer\_Site \_Code’),

FOREIGN KEY (‘Finance\_code’) REFERENCES (‘Order\_finance.Finance\_code’),

CHECK ( Order\_Type = 'P' or Order\_Type = 'S' )

}

CREATE TABLE ‘Order\_item’ {

‘Order\_id’ int(10) NOT NULL,

‘Product\_id’ int(10) NOT NULL,

‘Quantity’ SmallInt NOT NULL,

‘Ship\_date’ DATE NOT NULL,

PRIMARY KEY (‘Order\_id’),

FOREIGN KEY (‘Order\_id’) REFERENCES (‘Order.Order\_id’),

FOREIGN KEY (‘Product\_id’) REFERENCES (‘Product.Product\_number)

}

CREATE TABLE ‘Returned\_Item’ {

‘Return\_Code’ int(10) NOT NULL,

‘Return\_Date’ Datetime NOT NULL,

‘Order\_Detal\_Code’ int(10) NOT NULL,

‘Return\_Reason’ int(10) NOT NULL,

‘Return\_Quantity’ Int(10) NOT NULL,

PRIMARY KEY (‘Return\_Code’)

FOREIGN KEY (‘Return\_Reason’) REFERENCES (‘Return\_Reason.Return\_Reason\_Code’),

FOREIGN KEY (‘Order\_Detail\_Code’) REFERENCES (‘Order\_item.Order\_id’),

//Constraint Return\_Quantity mag niet groter zijn dan Quantity in de bijbehorende order.

}

CREATE TABLE ‘Return\_Reason’ {

‘Return\_Reason\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Return\_Description\_En’ Varchar(50) NOT NULL,

PRIMARY KEY (‘Return\_Reason\_Code’)

}

CREATE TABLE ‘Order\_finance’

‘Finance\_code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Finance\_Type’ ENUM('Expense', 'Revenue’) NOT NULL,

‘Finance\_Description’ Varchar(255),

PRIMARY KEY (‘Finance\_Code’)

}

CREATE TABLE ‘Retailer’ {

‘Retailer\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Retailer\_CodeMR’ int(10),

‘Company\_Name’ Varchar(255) NOT NULL,

‘Retailer\_Type\_Code’ int(10) NOT NULL,

PRIMARY KEY (‘Retailer\_Code’),

FOREIGN KEY (‘Retailer\_CodeMR’) REFERENCES (‘Retailer.Retailer\_Code’),

FOREIGN KEY (‘Retailer\_Type\_Code’) REFERENCES (‘Retailer\_Type.Retailer\_Type\_Code’)

}

CREATE TABLE ‘Retailer\_Type’

‘Retailer\_Type\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Type\_name\_en’ Varchar(255) NOT NULL,

PRIMARY KEY (‘Retailer\_Type\_Code’)

}

CREATE TABLE ‘Retailer\_Site’ {

‘Retailer\_Site\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘Retailer\_Code’ int(10) NOT NULL,

‘Address1’ Varchar(50) NOT NULL,

‘Address2’ Varchar(50),

‘City’ Varchar(40),

‘Region’ Varchar(50),

‘Postal\_Zone’ Varchar(10),

‘Country\_Code’ int(10),

‘Active\_Indicator’ Bool,

PRIMARY KEY (‘Retailer\_Site\_Code’),

FOREIGN KEY (‘Country\_Code’) REFERENCES (‘Country.Country\_Code’),

FOREIGN KEY (‘Retailer\_Code’) REFERENCES (‘Retailer.Retailer\_Code’)

}

CREATE TABLE ‘Customer’{

‘id’ int(10) NOT NULL AUTO\_INCREMENT,

‘fname’ Varchar(255),

‘lname’ Varchar(255),

‘Address’ Varchar(255),

‘City’ Varchar(40),

‘State’ Varchar(255),

‘Zip’ Varchar(6),

‘Phone’ Varchar(20),

‘Company\_Name’ Varchar(255),

‘Type’ Char,

‘Discount’ Int(10),

‘Max\_quantity\_order’ Int(10),

PRIMARY KEY (‘id’)

}

CREATE TABLE ‘Booking’ {

‘Booking\_id’ Int(10) NOT NULL AUTO\_INCREMENT,

‘Price’ Double(10,5) NOT NULL,

‘Transport\_To’ Varchar(255),

‘Transport\_From’ Varchar(255),

‘Vac\_id’ Int(10) NOT NULL,

‘Start\_Date’ DATE NOT NULL,

PRIMARY KEY (‘Booking\_id’),

FOREIGN KEY (‘Vac\_id’) REFERENCES (‘Vacation.Vac\_id’)

}

CREATE TABLE ‘Traveller’ {

‘Customer\_id’ int(10) NOT NULL,

‘Booking\_id’ Int(10) NOT NULL,

‘iBan’ Varchar(255),

‘Birth\_Date’ DATE NOT NULL,

‘Sex’ Char NOT NULL,

PRIMARY KEY (‘Customer\_id’),

PRIMARY KEY (‘Booking\_id’),

FOREGIN KEY (‘Customer\_id’) REFERENCES (‘Customer.id’),

FOREGIN KEY (‘Booking\_id’) REFERENCES (‘Booking.booking\_id’)

// Constraint: Een Booking moet altijd 1 traveller hebben met een iBan die niet null is.

}

CREATE TABLE ‘Vacation’ {

‘Vac\_id’ Int(10) NOT NULL AUTO\_INCREMENT,

‘Transport’ Varchar(255),

‘Duration’ Int(5) NOT NULL,

‘Min\_People’ int(5) NOT NULL,

‘Max\_Peoeple’ int(5) NOT NULL,

‘Child\_Proof’ BOOL NOT NULL,

PIMARY KEY (‘Vac\_id’)

}

CREATE TABLE ‘Accommodation’ {

‘Acc\_id’ int(10) NOT NULL AUTO\_INCREMENT,

‘Address’ Varchar(255) NOT NULL,

‘Contact’ Varchar(255),

‘Phone\_Number’ Varchar(20) NOT NULL,

‘Country\_Code’ Int(10),

PRIMARY KEY (‘Acc\_id’),

FOREIGN KEY (‘Country\_Code’) REFERENCES (‘Country.Country\_Code’)

}

CREATE TABLE ‘Acc\_vac’ {

‘Acc\_id’ int(10) NOT NULL,

‘Vac\_id’ int(10) NOT NULL,

PRIMARY KEY (‘Acc\_id’),

PRIMARY KEY (‘Vac\_id’),

FOREIGN KEY (‘Acc\_id’) REFERENCES (‘Accommodation.Acc\_id’),

FOREIGN KEY (‘Vac\_id’) REFERENCES (‘Vacation.Vac\_id’)

}

CREATE TABLE ‘Storage’ {

‘Storage\_Code’ int(10) NOT NULL AUTO\_INCREMENT,

‘City’ Varchar(40) NOT NULL,

‘Country\_Code’ int(10),

PRIMARY KEY (‘Storage\_Code’),

FOREIGN KEY (‘Country\_Code’) REFERENCES (‘Country.Country\_Code’)

}