CREATE TABLE regions (

region\_id INT IDENTITY(1,1) PRIMARY KEY,

region\_name VARCHAR (25) DEFAULT NULL

);

CREATE TABLE countries (

country\_id CHAR (2) PRIMARY KEY,

country\_name VARCHAR (40) DEFAULT NULL,

region\_id INT NOT NULL,

FOREIGN KEY (region\_id) REFERENCES regions (region\_id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE locations (

location\_id INT IDENTITY(1,1) PRIMARY KEY,

street\_address VARCHAR (40) DEFAULT NULL,

postal\_code VARCHAR (12) DEFAULT NULL,

city VARCHAR (30) NOT NULL,

state\_province VARCHAR (25) DEFAULT NULL,

country\_id CHAR (2) NOT NULL,

FOREIGN KEY (country\_id) REFERENCES countries (country\_id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE jobs (

job\_id INT IDENTITY(1,1) PRIMARY KEY,

job\_title VARCHAR (35) NOT NULL,

min\_salary DECIMAL (8, 2) DEFAULT NULL,

max\_salary DECIMAL (8, 2) DEFAULT NULL

);

CREATE TABLE departments (

department\_id INT IDENTITY(1,1) PRIMARY KEY,

department\_name VARCHAR (30) NOT NULL,

location\_id INT DEFAULT NULL,

FOREIGN KEY (location\_id) REFERENCES locations (location\_id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE employees (

employee\_id INT IDENTITY(1,1) PRIMARY KEY,

first\_name VARCHAR (20) DEFAULT NULL,

last\_name VARCHAR (25) NOT NULL,

email VARCHAR (100) NOT NULL,

phone\_number VARCHAR (20) DEFAULT NULL,

hire\_date DATE NOT NULL,

job\_id INT NOT NULL,

salary DECIMAL (8, 2) NOT NULL,

manager\_id INT DEFAULT NULL,

department\_id INT DEFAULT NULL,

FOREIGN KEY (job\_id) REFERENCES jobs (job\_id) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (department\_id) REFERENCES departments (department\_id) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (manager\_id) REFERENCES employees (employee\_id)

);

CREATE TABLE dependents (

dependent\_id INT IDENTITY(1,1) PRIMARY KEY,

first\_name VARCHAR (50) NOT NULL,

last\_name VARCHAR (50) NOT NULL,

relationship VARCHAR (25) NOT NULL,

employee\_id INT NOT NULL,

FOREIGN KEY (employee\_id) REFERENCES employees (employee\_id) ON DELETE CASCADE ON UPDATE CASCADE

);