SUBASH M – D & A

Create database assgn;

use assgn;

--Employees Table

CREATE TABLE employees

(

EMPLOYEE\_ID INT PRIMARY KEY,

FIRST\_NAME VARCHAR(255) NOT NULL,

LAST\_NAME VARCHAR(255) NOT NULL,

EMAIL VARCHAR(255) NOT NULL,

PHONE VARCHAR(50) NOT NULL,

HIRE\_DATE DATE NOT NULL,

MANAGER\_ID INT, -- fk

JOB\_TITLE VARCHAR(255) NOT NULL,

SALARY DECIMAL(20,5),

CONSTRAINT fk\_employees\_manager

FOREIGN KEY (MANAGER\_ID)

REFERENCES employees (EMPLOYEE\_ID)

ON DELETE NO ACTION

);

--Customers table

CREATE TABLE customers

(

CUSTOMER\_ID INT PRIMARY KEY,

NAME VARCHAR(255) NOT NULL,

ADDRESS VARCHAR(255),

WEBSITE VARCHAR(255),

CREDIT\_LIMIT DECIMAL(8, 2)

);

-- Contacts Table

CREATE TABLE contacts

(

contact\_id INT PRIMARY KEY,

first\_name VARCHAR(255) NOT NULL,

last\_name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

phone VARCHAR(20),

customer\_id INT,

CONSTRAINT fk\_contacts\_customers

FOREIGN KEY (customer\_id)

REFERENCES customers (customer\_id)

ON DELETE CASCADE

);

-- Orders Table

CREATE TABLE orders

(

order\_id INT PRIMARY KEY,

customer\_id INT NOT NULL,

status VARCHAR(20) NOT NULL,

salesman\_id INT,

order\_date DATE NOT NULL,

CONSTRAINT fk\_orders\_customers

FOREIGN KEY (customer\_id)

REFERENCES customers (customer\_id)

ON DELETE CASCADE,

CONSTRAINT fk\_orders\_employees

FOREIGN KEY (salesman\_id)

REFERENCES employees (employee\_id)

ON DELETE SET NULL

);

--Product\_categories table

CREATE TABLE product\_categories

(

category\_id INT PRIMARY KEY,

category\_name VARCHAR(255) NOT NULL

);

--Products table

CREATE TABLE products

(

product\_id INT PRIMARY KEY,

product\_name VARCHAR(255) NOT NULL,

description VARCHAR(2000),

standard\_cost DECIMAL(9, 2),

list\_price DECIMAL(9, 2),

category\_id INT NOT NULL,

CONSTRAINT fk\_products\_categories

FOREIGN KEY (category\_id)

REFERENCES product\_categories (category\_id)

ON DELETE CASCADE

);

--Order\_Items Table

CREATE TABLE order\_items

(

order\_id INT,

item\_id INT,

product\_id INT NOT NULL,

quantity DECIMAL(8, 2) NOT NULL,

unit\_price DECIMAL(8, 2) NOT NULL,

CONSTRAINT pk\_order\_items

PRIMARY KEY (order\_id, item\_id),

CONSTRAINT fk\_order\_items\_products

FOREIGN KEY (product\_id)

REFERENCES products (product\_id)

ON DELETE CASCADE,

CONSTRAINT fk\_order\_items\_orders

FOREIGN KEY (order\_id)

REFERENCES orders (order\_id)

ON DELETE CASCADE

);

-- Regions Table

CREATE TABLE regions

(

region\_id INT PRIMARY KEY,

region\_name VARCHAR(50) NOT NULL

);

-- Countries Table

CREATE TABLE countries

(

country\_id CHAR(2) PRIMARY KEY,

country\_name VARCHAR(40) NOT NULL,

region\_id INT, -- fk

CONSTRAINT fk\_countries\_regions

FOREIGN KEY (region\_id)

REFERENCES regions(region\_id)

ON DELETE CASCADE

);

-- Locations Table

CREATE TABLE locations

(

location\_id INT PRIMARY KEY,

address VARCHAR(255) NOT NULL,

postal\_code VARCHAR(20),

city VARCHAR(50),

state VARCHAR(50),

country\_id CHAR(2), -- fk

CONSTRAINT fk\_locations\_countries

FOREIGN KEY (country\_id)

REFERENCES countries (country\_id)

ON DELETE CASCADE

);

-- Warehouses Table

CREATE TABLE warehouses

(

warehouse\_id INT PRIMARY KEY,

warehouse\_name VARCHAR(255),

location\_id INT, -- fk

CONSTRAINT fk\_warehouses\_locations

FOREIGN KEY (location\_id)

REFERENCES locations (location\_id)

ON DELETE CASCADE

);

-- Inventories Table

CREATE TABLE inventories

(

product\_id INT,

warehouse\_id INT,

quantity INT NOT NULL,

CONSTRAINT pk\_inventories

PRIMARY KEY (product\_id, warehouse\_id),

CONSTRAINT fk\_inventories\_products

FOREIGN KEY (product\_id)

REFERENCES products (product\_id)

ON DELETE CASCADE,

CONSTRAINT fk\_inventories\_warehouses

FOREIGN KEY (warehouse\_id)

REFERENCES warehouses (warehouse\_id)

ON DELETE CASCADE

);

-- UPTO THIS TABLE CREATION COMPLETED

---Inserting Data into the Regions

Insert into REGIONS (REGION\_ID,REGION\_NAME) values (1,'Europe');

Insert into REGIONS (REGION\_ID,REGION\_NAME) values (2,'Americas');

Insert into REGIONS (REGION\_ID,REGION\_NAME) values (3,'Asia');

Insert into REGIONS (REGION\_ID,REGION\_NAME) values (4,'Middle East and Africa');

---Inserting Data into the countries

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('AR','Argentina',2);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('AU','Australia',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('BE','Belgium',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('BR','Brazil',2);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('CA','Canada',2);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('CH','Switzerland',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('CN','China',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('DE','Germany',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('DK','Denmark',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('EG','Egypt',4);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('FR','France',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('IL','Israel',4);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('IN','India',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('IT','Italy',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('JP','Japan',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('KW','Kuwait',4);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('ML','Malaysia',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('MX','Mexico',2);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('NG','Nigeria',4);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('NL','Netherlands',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('SG','Singapore',3);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('UK','United Kingdom',1);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('US','United States of America',2);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('ZM','Zambia',4);

Insert into COUNTRIES (COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values ('ZW','Zimbabwe',4);

---Inserting Data into the Locations

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (1,'1297 Via Cola di Rie','00989','Roma',null,'IT');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (2,'93091 Calle della Testa','10934','Venice',null,'IT');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (3,'2017 Shinjuku-ku','1689','Tokyo','Tokyo Prefecture','JP');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (4,'9450 Kamiya-cho','6823','Hiroshima',null,'JP');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (5,'2014 Jabberwocky Rd','26192','Southlake','Texas','US');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (6,'2011 Interiors Blvd','99236','South San Francisco','California','US');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (7,'2007 Zagora St','50090','South Brunswick','New Jersey','US');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (8,'2004 Charade Rd','98199','Seattle','Washington','US');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (9,'147 Spadina Ave','M5V 2L7','Toronto','Ontario','CA');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (10,'6092 Boxwood St','YSW 9T2','Whitehorse','Yukon','CA');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (11,'40-5-12 Laogianggen','190518','Beijing',null,'CN');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (12,'1298 Vileparle (E)','490231','Bombay','Maharashtra','IN');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (13,'12-98 Victoria Street','2901','Sydney','New South Wales','AU');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (14,'198 Clementi North','540198','Singapore',null,'SG');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (15,'8204 Arthur St',null,'London',null,'UK');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (16,'Magdalen Centre, The Oxford Science Park','OX9 9ZB','Oxford','Oxford','UK');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (17,'9702 Chester Road','09629850293','Stretford','Manchester','UK');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (18,'Schwanthalerstr. 7031','80925','Munich','Bavaria','DE');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (19,'Rua Frei Caneca 1360 ','01307-002','Sao Paulo','Sao Paulo','BR');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (20,'20 Rue des Corps-Saints','1730','Geneva','Geneve','CH');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (21,'Murtenstrasse 921','3095','Bern','BE','CH');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (22,'Pieter Breughelstraat 837','3029SK','Utrecht','Utrecht','NL');

Insert into LOCATIONS (LOCATION\_ID,ADDRESS,POSTAL\_CODE,CITY,STATE,COUNTRY\_ID) values (23,'Mariano Escobedo 9991','11932','Mexico City','Distrito Federal,','MX');

---Inserting Data into the Warehouses

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (1,'Southlake, Texas',5);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (2,'San Francisco',6);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (3,'New Jersey',7);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (4,'Seattle, Washington',8);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (5,'Toronto',9);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (6,'Sydney',13);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (7,'Mexico City',23);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (8,'Beijing',11);

Insert into WAREHOUSES (WAREHOUSE\_ID,WAREHOUSE\_NAME,LOCATION\_ID) values (9,'Bombay',12);

---Inserting Data into the employees

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (1,'Tommy','Bailey','tommy.bailey@example.com','515.123.4567','2016-06-17',null,'President',10000);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (2,'Blake','Cooper','blake.cooper@example.com','515.123.4569','2016-01-03',1,'Administration Vice President',9500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (3,'Jude','Rivera','jude.rivera@example.com','515.123.4568','2016-09-21',1,'Administration Vice President',9700);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (4,'Louie','Richardson','louie.richardson@example.com','590.423.4567','2016-01-03',3,'Programmer',9800);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (5,'Nathan','Cox','nathan.cox@example.com','590.423.4568','2016-05-16',4,'Programmer',8700);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (6,'Bobby','Torres','bobby.torres@example.com','590.423.5567','2016-02-07',4,'Programmer',9600);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (7,'Charles','Ward','charles.ward@example.com','590.423.4560','2016-02-05',4,'Programmer',8260);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (8,'Gabriel','Howard','gabriel.howard@example.com','590.423.4569','2016-06-25',4,'Programmer',9852);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (11,'Tyler','Ramirez','tyler.ramirez@example.com','515.124.4269','2016-09-28',9,'Accountant',6520);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (10,'Ryan','Gray','ryan.gray@example.com','515.124.4169','2016-08-16',9,'Accountant',9630);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (14,'Elliot','Brooks','elliot.brooks@example.com','515.124.4567','2016-12-07',9,'Accountant',9630);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (12,'Elliott','James','elliott.james@example.com','515.124.4369','2016-09-30',9,'Accountant',9823);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (13,'Albert','Watson','albert.watson@example.com','515.124.4469','2016-02-05',9,'Accountant',9530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (9,'Mohammad','Peterson','mohammad.peterson@example.com','515.124.4569','2016-08-17',2,'Finance Manager',10000);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (15,'Frederick','Price','frederick.price@example.com','515.127.4563','2016-12-24',15,'Purchasing Clerk',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (16,'Alex','Sanders','alex.sanders@example.com','515.127.4562','2016-05-18',15,'Purchasing Clerk',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (17,'Ollie','Bennett','ollie.bennett@example.com','515.127.4564','2016-07-24',15,'Purchasing Clerk',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (18,'Louis','Wood','louis.wood@example.com','515.127.4565','2016-09-15',15,'Purchasing Clerk',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (19,'Dexter','Barnes','dexter.barnes@example.com','515.127.4566','2016-08-10',15,'Purchasing Clerk',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (20,'Rory','Kelly','rory.kelly@example.com','515.127.4561','2016-12-07',1,'Purchasing Manager',8530);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (25,'Ronnie','Perry','ronnie.perry@example.com','650.123.5234','2016-11-19',1,'Stock Manager',9666);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (24,'Callum','Jenkins','callum.jenkins@example.com','650.123.4234','2016-10-10',1,'Stock Manager',9666);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (23,'Jackson','Coleman','jackson.coleman@example.com','650.123.3234','2016-05-01',1,'Stock Manager',9666);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (22,'Liam','Henderson','liam.henderson@example.com','650.123.2234','2016-04-10',1,'Stock Manager',9666);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (21,'Jaxon','Ross','jaxon.ross@example.com','650.123.1234','2016-07-18',1,'Stock Manager',9666);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (33,'Reggie','Simmons','reggie.simmons@example.com','650.124.8234','2016-04-10',22,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (44,'Emily','Hamilton','emily.hamilton@example.com','650.121.2874','2016-04-15',25,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (43,'Olivia','Ford','olivia.ford@example.com','650.121.2994','2016-01-29',25,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (42,'Amelia','Myers','amelia.myers@example.com','650.121.8009','2016-10-07',25,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (41,'Connor','Hayes','connor.hayes@example.com','650.121.1834','2016-04-06',24,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (26,'Leon','Powell','leon.powell@example.com','650.124.1214','2016-07-16',21,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (27,'Kai','Long','kai.long@example.com','650.124.1224','2016-09-28',21,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (28,'Aaron','Patterson','aaron.patterson@example.com','650.124.1334','2016-01-14',21,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (29,'Roman','Hughes','roman.hughes@example.com','650.124.1434','2016-04-08',21,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (30,'Austin','Flores','austin.flores@example.com','650.124.5234','2016-08-20',22,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (31,'Ellis','Washington','ellis.washington@example.com','650.124.6234','2016-10-30',22,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (32,'Jamie','Butler','jamie.butler@example.com','650.124.7234','2016-02-16',22,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (45,'Isla','Graham','isla.graham@example.com','650.121.2004','2016-07-09',25,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (34,'Seth','Foster','seth.foster@example.com','650.127.1934','2016-06-14',23,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (35,'Carter','Gonzales','carter.gonzales@example.com','650.127.1834','2016-08-26',23,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (36,'Felix','Bryant','felix.bryant@example.com','650.127.1734','2016-12-12',23,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (37,'Ibrahim','Alexander','ibrahim.alexander@example.com','650.127.1634','2016-02-06',23,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (38,'Sonny','Russell','sonny.russell@example.com','650.121.1234','2016-07-14',24,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (39,'Kian','Griffin','kian.griffin@example.com','650.121.2034','2016-08-26',24,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (40,'Caleb','Diaz','caleb.diaz@example.com','650.121.2019','2016-02-12',24,'Stock Clerk',6900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (85,'Holly','Shaw','holly.shaw@example.com','650.509.1876','2016-01-27',22,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (86,'Emilia','Holmes','emilia.holmes@example.com','650.509.2876','2016-02-20',22,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (87,'Molly','Rice','molly.rice@example.com','650.509.3876','2016-06-24',22,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (88,'Ellie','Robertson','ellie.robertson@example.com','650.509.4876','2016-02-07',22,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (89,'Jasmine','Hunt','jasmine.hunt@example.com','650.505.1876','2016-06-14',23,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (90,'Eliza','Black','eliza.black@example.com','650.505.2876','2016-08-13',23,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (91,'Lilly','Daniels','lilly.daniels@example.com','650.505.3876','2016-07-11',23,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (92,'Abigail','Palmer','abigail.palmer@example.com','650.505.4876','2016-12-19',23,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (93,'Georgia','Mills','georgia.mills@example.com','650.501.1876','2016-02-04',24,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (94,'Maisie','Nichols','maisie.nichols@example.com','650.501.2876','2016-03-03',24,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (95,'Eleanor','Grant','eleanor.grant@example.com','650.501.3876','2016-07-01',24,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (96,'Hannah','Knight','hannah.knight@example.com','650.501.4876','2016-04-17',24,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (97,'Harriet','Ferguson','harriet.ferguson@example.com','650.507.9811','2016-04-24',25,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (98,'Amber','Rose','amber.rose@example.com','650.507.9822','2016-05-23',25,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (99,'Bella','Stone','bella.stone@example.com','650.507.9833','2016-06-21',25,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (100,'Thea','Hawkins','thea.hawkins@example.com','650.507.9844','2016-01-13',25,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (81,'Lola','Ramos','lola.ramos@example.com','650.507.9876','2016-01-24',21,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (82,'Willow','Reyes','willow.reyes@example.com','650.507.9877','2016-02-23',21,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (83,'Ivy','Burns','ivy.burns@example.com','650.507.9878','2016-06-21',21,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (84,'Erin','Gordon','erin.gordon@example.com','650.507.9879','2016-02-03',21,'Shipping Clerk',7500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (1007,'Summer','Payne','summer.payne@example.com','515.123.8181','2016-06-17',100,'Public Accountant',1025);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (1006,'Rose','Stephens','rose.stephens@example.com','515.123.8080','2016-06-07',2,'Accounting Manager',1050);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (1001,'Annabelle','Dunn','annabelle.dunn@example.com','515.123.4444','2016-09-17',2,'Administration Assistant',10500);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (122,'Emma','Perkins','emma.perkins@example.com','515.123.5555','2016-02-17',1,'Marketing Manager',10900);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (123,'Amelie','Hudson','amelie.hudson@example.com','603.123.6666','2016-08-17',22,'Marketing Representative',1862);

Insert into EMPLOYEES (EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,HIRE\_DATE,MANAGER\_ID,JOB\_TITLE,SALARY) values (124,'Gracie','Gardner','gracie.gardner@example.com','515.123.8888','2016-06-77',2,'Public Relations Representative',8600);

-- Inserting data into customers

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (1,'Raytheon','514 W Superior St, Kokomo, IN',100,'http://www.raytheon.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (2,'Plains GP Holdings','2515 Bloyd Ave, Indianapolis, IN',100,'http://www.plainsallamerican.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (3,'US Foods Holding','8768 N State Rd 37, Bloomington, IN',100,'http://www.usfoods.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (4,'AbbVie','6445 Bay Harbor Ln, Indianapolis, IN',100,'http://www.abbvie.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (5,'Centene','4019 W 3Rd St, Bloomington, IN',100,'http://www.centene.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (6,'Community Health Systems','1608 Portage Ave, South Bend, IN',100,'http://www.chs.net');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (7,'Alcoa','23943 Us Highway 33, Elkhart, IN',100,'http://www.alcoa.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (8,'International Paper','136 E Market St # 800, Indianapolis, IN',100,'http://www.internationalpaper.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (9,'Emerson Electric','1905 College St, South Bend, IN',100,'http://www.emerson.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (10,'Union Pacific','3512 Rockville Rd # 137C, Indianapolis, IN',200,'http://www.up.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (11,'Amgen','1303 E University St, Bloomington, IN',200,'http://www.amgen.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (12,'U.S. Bancorp','115 N Weinbach Ave, Evansville, IN',200,'http://www.usbank.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (13,'Staples','2067 Rollett Ln, Evansville, IN',200,'http://www.staples.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (14,'Danaher','1105 E Allendale Dr, Bloomington, IN',200,'http://www.danaher.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (15,'Whirlpool','18305 Van Dyke St, Detroit, MI',200,'http://www.whirlpoolcorp.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (16,'Aflac','Lucas Dr Bldg 348, Detroit, MI',200,'http://www.aflac.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (17,'AutoNation','1801 Monroe Ave Nw, Grand Rapids, MI',200,'http://www.autonation.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (18,'Progressive','4925 Kendrick St Se, Grand Rapids, MI',200,'http://www.progressive.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (19,'Abbott Laboratories','3310 Dixie Ct, Saginaw, MI',200,'http://www.abbott.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (20,'Dollar General','113 Washington Sq N, Lansing, MI',200,'http://www.dollargeneral.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (21,'Tenet Healthcare','2500 S Pennsylvania Ave, Lansing, MI',200,'http://www.tenethealth.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (22,'Eli Lilly','3213 S Cedar St, Lansing, MI',200,'http://www.lilly.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (24,'Southwest Airlines','6654 W Lafayette St, Detroit, MI',200,'http://www.southwest.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (25,'Penske Automotive Group','27 Benton Rd, Saginaw, MI',200,'http://www.penskeautomotive.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (26,'ManpowerGroup','8201 Livernois Ave, Detroit, MI',300,'http://www.manpowergroup.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (28,'Kohl?s','3100 E Eisenhower Pky # 100, Ann Arbor, MI',300,'http://www.kohlscorporation.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (29,'Starbucks','952 Vassar Dr, Kalamazoo, MI',400,'http://www.starbucks.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (30,'Paccar','150 W Jefferson Ave # 2500, Detroit, MI',400,'http://www.paccar.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (31,'Cummins','40 Pearl St Nw # 1020, Grand Rapids, MI',400,'http://www.cummins.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (33,'Altria Group','301 E Genesee Ave, Saginaw, MI',400,'http://www.altria.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (34,'Xerox','9936 Dexter Ave, Detroit, MI',400,'http://www.xerox.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (35,'Kimberly-Clark','1660 University Ter, Ann Arbor, MI',400,'http://www.kimberly-clark.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (36,'Hartford Financial Services Group','15713 N East St, Lansing, MI',400,'http://www.thehartford.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (38,'Kraft Heinz','10315 Hickman Rd, Des Moines, IA',500,'http://www.kraftheinzcompany.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (40,'Fluor','1928 Sherwood Dr, Council Bluffs, IA',500,'http://www.fluor.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (41,'AECOM','2102 E Kimberly Rd, Davenport, IA',500,'http://www.aecom.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (44,'Jabil Circuit','221 3Rd Ave Se # 300, Cedar Rapids, IA',500,'http://www.jabil.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (45,'CenturyLink','2120 Heights Dr, Eau Claire, WI',500,'http://www.centurylink.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (47,'General Mills','6555 W Good Hope Rd, Milwaukee, WI',600,'http://www.generalmills.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (48,'Southern','1314 N Stoughton Rd, Madison, WI',600,'http://www.southerncompany.com');

Insert into CUSTOMERS (CUSTOMER\_ID,NAME,ADDRESS,CREDIT\_LIMIT,WEBSITE) values (50,'Thermo Fisher Scientific','6161 N 64Th St, Milwaukee, WI',700,'http://www.thermofisher.com');

-- Inserting Data into Contacts

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (1,'Flor','Stone','flor.stone@raytheon.com','+1 317 123 4104',1);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (2,'Lavera','Emerson','lavera.emerson@plainsallamerican.com','+1 317 123 4111',2);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (3,'Fern','Head','fern.head@usfoods.com','+1 812 123 4115',3);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (4,'Shyla','Ortiz','shyla.ortiz@abbvie.com','+1 317 123 4126',4);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (5,'Jeni','Levy','jeni.levy@centene.com','+1 812 123 4129',5);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (6,'Matthias','Hannah','matthias.hannah@chs.net','+1 219 123 4136',6);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (7,'Matthias','Cruise','matthias.cruise@alcoa.com','+1 219 123 4138',7);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (8,'Meenakshi','Mason','meenakshi.mason@internationalpaper.com','+1 317 123 4141',8);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (9,'Christian','Cage','christian.cage@emerson.com','+1 219 123 4142',9);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (10,'Charlie','Sutherland','charlie.sutherland@up.com','+1 317 123 4146',10);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (11,'Charlie','Pacino','charlie.pacino@amgen.com','+1 812 123 4150',11);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (12,'Guillaume','Jackson','guillaume.jackson@usbank.com','+1 812 123 4151',12);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (13,'Daniel','Costner','daniel.costner@staples.com','+1 812 123 4153',13);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (14,'Dianne','Derek','dianne.derek@danaher.com','+1 812 123 4157',14);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (15,'Geraldine','Schneider','geraldine.schneider@whirlpoolcorp.com','+1 313 123 4159',15);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (16,'Geraldine','Martin','geraldine.martin@aflac.com','+1 313 123 4160',16);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (17,'Guillaume','Edwards','guillaume.edwards@autonation.com','+1 616 123 4162',17);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (18,'Maurice','Mahoney','maurice.mahoney@progressive.com','+1 616 123 4181',18);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (19,'Maurice','Hasan','maurice.hasan@abbott.com','+1 517 123 4191',19);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (20,'Diane','Higgins','diane.higgins@dollargeneral.com','+1 517 123 4199',20);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (21,'Dianne','Sen','dianne.sen@tenethealth.com','+1 517 123 4201',21);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (22,'Maurice','Daltrey','maurice.daltrey@lilly.com','+1 517 123 4206',22);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (23,'Tess','Roth','tess.roth@dteenergy.com','+1 313 123 4219',23);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (24,'Ka','Kaufman','ka.kaufman@southwest.com','+1 313 123 4222',24);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (25,'Sharyl','Montoya','sharyl.montoya@penskeautomotive.com','+1 517 123 4225',25);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (26,'Daniel','Glass','daniel.glass@manpowergroup.com','+1 313 123 4226',26);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (27,'Rena','Arnold','rena.arnold@assurant.com','+1 517 123 4228',27);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (28,'Arlyne','Ingram','arlyne.ingram@kohlscorporation.com','+1 313 123 4230',28);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (29,'Willie','Barrera','willie.barrera@starbucks.com','+1 616 123 4234',29);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (30,'Mireya','Cochran','mireya.cochran@paccar.com','+1 313 123 4242',30);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (31,'Marlene','Odom','marlene.odom@cummins.com','+1 616 123 4245',31);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (32,'Jaclyn','Atkinson','jaclyn.atkinson@globalp.com','+1 313 123 4248',32);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (33,'Al','Schultz','al.schultz@altria.com','+1 517 123 4253',33);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (34,'Felicitas','Riley','felicitas.riley@xerox.com','+1 313 123 4255',34);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (35,'Cora','Calhoun','cora.calhoun@kimberly-clark.com','+1 313 123 4263',35);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (36,'Trula','Buckley','trula.buckley@thehartford.com','+1 517 123 4265',36);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (37,'Sasha','Wallace','sasha.wallace@huntsman.com','+1 319 123 4271',37);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (38,'Caitlin','Hill','caitlin.hill@kraftheinzcompany.com','+1 515 123 4273',38);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (39,'Gino','Pickett','gino.pickett@lear.com','+1 319 123 4278',39);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (40,'Amira','Macdonald','amira.macdonald@fluor.com','+1 712 123 4280',40);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (41,'Mack','Morse','mack.morse@aecom.com','+1 319 123 4282',41);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (42,'Eboni','Jarvis','eboni.jarvis@bd.com','+1 319 123 4288',42);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (43,'Gabrielle','Dennis','gabrielle.dennis@facebook.com','+1 515 123 4290',43);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (44,'Classie','Norris','classie.norris@jabil.com','+1 319 123 4301',44);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (45,'Khalilah','Holman','khalilah.holman@centurylink.com','+1 745 123 4306',45);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (46,'Isreal','Rose','isreal.rose@supervalu.com','+1 414 123 4307',46);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (47,'Verena','Hopper','verena.hopper@generalmills.com','+1 414 123 4308',47);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (48,'Audie','Flores','audie.flores@southerncompany.com','+1 608 123 4309',48);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (49,'Gertrude','Cooke','gertrude.cooke@nexteraenergy.com','+1 608 123 4318',49);

Insert into CONTACTS (CONTACT\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,CUSTOMER\_ID) values (50,'Princess','Kane','princess.kane@thermofisher.com','+1 414 123 4323',50);

-- Inserting into orders

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (105, 1, 'Pending', 54, '2016-11-17');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (44, 2, 'Pending', 55, '2017-02-20');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (101, 3, 'Pending', 55, '2017-01-03');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (1, 4, 'Pending', 56, '2017-10-15');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (5, 5, 'Canceled', 56, '2017-04-09');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (28, 6, 'Canceled', 57, '2017-08-15');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (87, 7, 'Canceled', 57, '2016-12-01');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (4, 8, 'Shipped', 59, '2015-04-09');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (41, 9, 'Shipped', 59, '2017-05-11');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (83, 16, 'Shipped', 62, '2016-12-02');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (93, 17, 'Shipped', 62, '2016-10-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (94, 1, 'Shipped', 62, '2017-10-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (79, 2, 'Shipped', 64, '2016-12-14');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (80, 3, 'Shipped', 64, '2016-12-13');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (2, 4, 'Shipped', NULL, '2015-04-26');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (3, 5, 'Shipped', NULL, '2017-04-26');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (6, 6, 'Shipped', NULL, '2015-04-09');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (7, 7, 'Shipped', NULL, '2017-02-15');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (8, 8, 'Shipped', NULL, '2017-02-14');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (9, 9, 'Shipped', NULL, '2017-02-14');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (10, 44, 'Pending', NULL, '2017-01-24');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (11, 45, 'Shipped', NULL, '2016-11-29');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (12, 46, 'Shipped', NULL, '2016-11-29');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (13, 47, 'Shipped', NULL, '2016-11-29');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (14, 48, 'Shipped', NULL, '2017-09-28');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (15, 49, 'Shipped', NULL, '2017-09-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (16, 16, 'Pending', NULL, '2016-09-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (17, 17, 'Shipped', NULL, '2017-09-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (18, 18, 'Shipped', NULL, '2016-08-16');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (19, 19, 'Shipped', NULL, '2016-05-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (20, 20, 'Shipped', NULL, '2017-05-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (21, 21, 'Pending', NULL, '2017-05-27');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (22, 22, 'Canceled', NULL, '2016-05-26');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (23, 23, 'Shipped', NULL, '2016-09-07');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (24, 41, 'Shipped', NULL, '2016-09-07');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (25, 42, 'Shipped', NULL, '2016-08-24');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (27, 43, 'Canceled', NULL, '2016-08-16');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (29, 44, 'Shipped', NULL, '2017-08-14');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (30, 45, 'Shipped', NULL, '2017-08-12');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (31, 46, 'Canceled', NULL, '2017-08-12');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (32, 47, 'Shipped', NULL, '2017-03-09');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (33, 48, 'Shipped', NULL, '2017-03-07');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (34, 49, 'Shipped', NULL, '2016-06-12');

INSERT INTO orders (ORDER\_ID, CUSTOMER\_ID, STATUS, SALESMAN\_ID, ORDER\_DATE) VALUES (35, 50, 'Shipped', NULL, '2016-09-05');

-- Inserting data into Product\_Categories

Insert into PRODUCT\_CATEGORIES (CATEGORY\_ID,CATEGORY\_NAME) values (1,'CPU');

Insert into PRODUCT\_CATEGORIES (CATEGORY\_ID,CATEGORY\_NAME) values (2,'Video Card');

Insert into PRODUCT\_CATEGORIES (CATEGORY\_ID,CATEGORY\_NAME) values (3,'RAM');

Insert into PRODUCT\_CATEGORIES (CATEGORY\_ID,CATEGORY\_NAME) values (4,'Mother Board');

Insert into PRODUCT\_CATEGORIES (CATEGORY\_ID,CATEGORY\_NAME) values (5,'Storage');

-- Inserting data into Product

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (208,'Samsung MZ-V6P2T0BW','Series:960 Pro,Type:SSD,Capacity:2TB,Cache:2GB',840.11,1199.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (229,'Seagate ST10000DM0004','Series:BarraCuda Pro,Type:7200RPM,Capacity:10TB,Cache:256MB',284.23,399.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (230,'ADATA ASU800SS-512GT-C','Series:Ultimate SU800,Type:SSD,Capacity:512GB,Cache:N/A',113.29,136.69,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (231,'Samsung MZ-V6E1T0','Series:960 EVO,Type:SSD,Capacity:1TB,Cache:1000MB',358.06,449.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (232,'Western Digital WD1003FZEX','Series:BLACK SERIES,Type:7200RPM,Capacity:1TB,Cache:64MB',61.76,70.89,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (233,'SanDisk SDSSDA-120G-G26','Series:SSD PLUS,Type:SSD,Capacity:120GB,Cache:N/A',52.7,59.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (234,'Crucial CT525MX300SSD1','Series:MX300,Type:SSD,Capacity:525GB,Cache:N/A',135.59,150.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (235,'Hitachi A7K1000-1000','Series:Ultrastar,Type:7200RPM,Capacity:1TB,Cache:32MB',29.94,41.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (253,'Samsung MZ-V6P1T0BW','Series:960 Pro,Type:SSD,Capacity:1TB,Cache:1GB',466.49,579.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (254,'Samsung MZ-7KE256BW','Series:850 Pro Series,Type:SSD,Capacity:256GB,Cache:N/A',97.19,119.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (255,'Seagate ST2000DX002','Series:FireCuda,Type:Hybrid,Capacity:2TB,Cache:64MB',64.48,90.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (256,'Western Digital WD5000AACS','Series:Caviar Green,Type:5400RPM,Capacity:500GB,Cache:16MB',20.14,26.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (257,'SanDisk SDSSDHII-240G-G25','Series:Ultra II,Type:SSD,Capacity:240GB,Cache:N/A',73.39,84.95,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (258,'PNY SSD7CS1311-120-RB','Series:CS1311,Type:SSD,Capacity:120GB,Cache:N/A',50.59,57.98,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (259,'PNY SSD9SC240GMDA-RB','Series:XLR8,Type:SSD,Capacity:240GB,Cache:N/A',58.4,80.72,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (260,'Crucial CT1050MX300SSD1','Series:MX300,Type:SSD,Capacity:1.1TB,Cache:N/A',192.52,267.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (263,'Western Digital WDS250G1B0B','Series:Blue,Type:SSD,Capacity:250GB,Cache:N/A',70.71,89.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (264,'Samsung MZ-75E120B/AM','Series:850 EVO-Series,Type:SSD,Capacity:120GB,Cache:N/A',74.41,88.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (224,'Asus STRIX X299-E GAMING','CPU:LGA2066,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',306,349.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (246,'Gigabyte X299 AORUS Ultra Gaming','CPU:LGA2066,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',287.78,343.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (247,'Asus TUF X299 MARK 1','CPU:LGA2066,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',241.15,339.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (250,'Asus Z170-WS','CPU:LGA1151,Form Factor:ATX,RAM Slots:4,Max RAM:64GB',279.4,338.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (251,'MSI X299 GAMING PRO CARBON AC','CPU:LGA2066,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',238.8,337.81,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (287,'MSI X99A XPOWER GAMING TITANIUM','CPU:LGA2011-3,Form Factor:EATX,RAM Slots:8,Max RAM:128GB',257.23,329.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (288,'Asus ROG STRIX X99 GAMING','CPU:LGA2011-3,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',255.86,319.99,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (226,'Asus PRIME X299-A','CPU:LGA2066,Form Factor:ATX,RAM Slots:8,Max RAM:128GB',274.56,309.85,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (227,'Gigabyte GA-X99-UD5 WIFI','CPU:LGA2011-3,Form Factor:EATX,RAM Slots:8,Max RAM:64GB',217.83,305,4);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (268,'Western Digital WD10EZEX','Series:Caviar Blue,Type:7200RPM,Capacity:1TB,Cache:64MB',35.83,47.88,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (284,'Kingston SA400S37/120G','Series:A400,Type:SSD,Capacity:120GB,Cache:N/A',40.63,54.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (285,'Samsung MZ-75E1T0B/AM','Series:850 EVO-Series,Type:SSD,Capacity:1TB,Cache:N/A',260.23,339.99,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (286,'Samsung MZ-V6E500','Series:960 EVO,Type:SSD,Capacity:500GB,Cache:512MB',209.62,234,5);

Insert into PRODUCTS (PRODUCT\_ID,PRODUCT\_NAME,DESCRIPTION,STANDARD\_COST,LIST\_PRICE,CATEGORY\_ID) values (273,'Western Digital WD101KRYZ','Series:Gold,Type:7200RPM,Capacity:10TB,Cache:256MB',313.96,443.64,5);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (8,5,284,118,54.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (11,5,208,133,1199.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (13,3,247,80,1805.97);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (14,4,239,71,739.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (19,4,259,46,80.72);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (21,3,250,120,338.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (22,5,260,59,1908.73);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (24,3,258,80,1029.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (44,6,251,82,443.64);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (41,6,287,112,329.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (28,6,208,120,1029.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (29,9,233,71,59.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (76,8,201,91,653.5);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (81,5,55,144,150.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (82,7,70,31,710.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,7,18,49,799);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (105,5,287,119,759.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,7,287,66,680.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,8,287,109,629.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,6,285,147,873.98);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,5,285,143,999.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (83,9,285,135,660);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (105,6,285,132,1299.73);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (105,7,285,58,620.95);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (101,6,285,138,719.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (105,8,285,85,864.98);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (1,10,264,147,525.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (2,7,264,100,686.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (3,8,264,127,948.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (4,5,264,80,719.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (6,3,264,90,15.55);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (10,6,264,96,525.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (10,10,264,37,1029.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (10,8,264,264,640.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (14,5,264,125,739.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (15,7,83,118,829.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (16,7,256,44,26.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (18,5,87,103,759.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (22,10,90,95,759.99);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (23,8,241,126,1756);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (24,5,41,83,299.89);

Insert into ORDER\_ITEMS (ORDER\_ID,ITEM\_ID,PRODUCT\_ID,QUANTITY,UNIT\_PRICE) values (26,4,164,78,1850);

* Just a sample for inventories

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (210,8,122);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (211,8,123);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (212,8,123);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (214,8,124);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (216,8,125);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (217,8,125);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (218,8,126);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (220,8,149);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (221,8,150);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (222,8,150);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (223,8,151);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (229,8,123);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (230,8,124);

Insert into INVENTORIES (PRODUCT\_ID,WAREHOUSE\_ID,QUANTITY) values (231,8,124);

--1. Create the plsql block to adjust the salary from 7900 to 9000 whose empid is 122.

BEGIN TRY

DECLARE @v\_employee\_id INT = 122;

UPDATE employees

SET salary = 9000

WHERE employee\_id = @v\_employee\_id;

PRINT 'Salary updated successfully.';

END TRY

BEGIN CATCH

IF ERROR\_NUMBER() = 100 /\* NO\_DATA\_FOUND equivalent in SQL Server \*/

BEGIN

PRINT 'Employee with ID ' + CAST(@v\_employee\_id AS NVARCHAR) + ' not found.';

END

ELSE

BEGIN

PRINT 'An error occurred: ' + ERROR\_MESSAGE();

END

END CATCH;

Select employee\_id, Salary from employees where employee\_id = 122;

Output:

employee\_id Salary

122 9000.00000

--Print a list of managers using PL/SQL explicit cursors.

SET NOCOUNT ON;

DECLARE @v\_employee\_id INT;

DECLARE @v\_first\_name VARCHAR(255);

DECLARE @v\_last\_name VARCHAR(255);

DECLARE @employee\_id INT;

DECLARE @first\_name VARCHAR(255);

DECLARE @last\_name VARCHAR(255);

DECLARE c\_managers CURSOR FOR

SELECT employee\_id, first\_name, last\_name

FROM employees

WHERE manager\_id IS NOT NULL;

OPEN c\_managers;

FETCH NEXT FROM c\_managers INTO @employee\_id, @first\_name, @last\_name;

WHILE @@FETCH\_STATUS = 0

BEGIN

-- Assign the values to the individual variables

SET @v\_employee\_id = @employee\_id;

SET @v\_first\_name = @first\_name;

SET @v\_last\_name = @last\_name;

-- Print the manager details

PRINT 'Manager ID: ' + CAST(@v\_employee\_id AS VARCHAR(12));

PRINT 'Name: ' + @v\_first\_name + ' ' + @v\_last\_name;

PRINT '---------------------------';

FETCH NEXT FROM c\_managers INTO @employee\_id, @first\_name, @last\_name;

END;

CLOSE c\_managers;

DEALLOCATE c\_managers;

Output

Manager ID: 2

Name: Blake Cooper

---------------------------

Manager ID: 3

Name: Jude Rivera

---------------------------

Manager ID: 4

Name: Louie Richardson

---------------------------

Manager ID: 5

Name: Nathan Cox

---------------------------

Manager ID: 6

Name: Bobby Torres

---------------------------

Manager ID: 7

Name: Charles Ward

---------------------------

Manager ID: 8

Name: Gabriel Howard

---------------------------

Manager ID: 9

Name: Mohammad Peterson

---------------------------

Manager ID: 10

Name: Ryan Gray

---------------------------

Manager ID: 11

Name: Tyler Ramirez

---------------------------

Manager ID: 12

Name: Elliott James

---------------------------

Manager ID: 13

Name: Albert Watson

---------------------------

Manager ID: 14

Name: Elliot Brooks

---------------------------

Manager ID: 15

Name: Frederick Price

---------------------------

Manager ID: 16

Name: Alex Sanders

---------------------------

Manager ID: 17

Name: Ollie Bennett

---------------------------

Manager ID: 18

Name: Louis Wood

---------------------------

Manager ID: 19

Name: Dexter Barnes

---------------------------

Manager ID: 20

Name: Rory Kelly

---------------------------

Manager ID: 21

Name: Jaxon Ross

---------------------------

Manager ID: 22

Name: Liam Henderson

---------------------------

Manager ID: 23

Name: Jackson Coleman

---------------------------

Manager ID: 24

Name: Callum Jenkins

---------------------------

Manager ID: 25

Name: Ronnie Perry

---------------------------

Manager ID: 26

Name: Leon Powell

---------------------------

Manager ID: 27

Name: Kai Long

---------------------------

Manager ID: 28

Name: Aaron Patterson

---------------------------

Manager ID: 29

Name: Roman Hughes

---------------------------

Manager ID: 30

Name: Austin Flores

---------------------------

Manager ID: 31

Name: Ellis Washington

---------------------------

Manager ID: 32

Name: Jamie Butler

---------------------------

Manager ID: 33

Name: Reggie Simmons

---------------------------

Manager ID: 34

Name: Seth Foster

---------------------------

Manager ID: 35

Name: Carter Gonzales

---------------------------

Manager ID: 36

Name: Felix Bryant

---------------------------

Manager ID: 37

Name: Ibrahim Alexander

---------------------------

Manager ID: 38

Name: Sonny Russell

---------------------------

Manager ID: 39

Name: Kian Griffin

---------------------------

Manager ID: 40

Name: Caleb Diaz

---------------------------

Manager ID: 41

Name: Connor Hayes

---------------------------

Manager ID: 42

Name: Amelia Myers

---------------------------

Manager ID: 43

Name: Olivia Ford

---------------------------

Manager ID: 44

Name: Emily Hamilton

---------------------------

Manager ID: 45

Name: Isla Graham

---------------------------

Manager ID: 81

Name: Lola Ramos

---------------------------

Manager ID: 82

Name: Willow Reyes

---------------------------

Manager ID: 83

Name: Ivy Burns

---------------------------

Manager ID: 84

Name: Erin Gordon

---------------------------

Manager ID: 85

Name: Holly Shaw

---------------------------

Manager ID: 86

Name: Emilia Holmes

---------------------------

Manager ID: 87

Name: Molly Rice

---------------------------

Manager ID: 88

Name: Ellie Robertson

---------------------------

Manager ID: 89

Name: Jasmine Hunt

---------------------------

Manager ID: 90

Name: Eliza Black

---------------------------

Manager ID: 91

Name: Lilly Daniels

---------------------------

Manager ID: 92

Name: Abigail Palmer

---------------------------

Manager ID: 93

Name: Georgia Mills

---------------------------

Manager ID: 94

Name: Maisie Nichols

---------------------------

Manager ID: 95

Name: Eleanor Grant

---------------------------

Manager ID: 96

Name: Hannah Knight

---------------------------

Manager ID: 97

Name: Harriet Ferguson

---------------------------

Manager ID: 98

Name: Amber Rose

---------------------------

Manager ID: 99

Name: Bella Stone

---------------------------

Manager ID: 100

Name: Thea Hawkins

---------------------------

Manager ID: 122

Name: Emma Perkins

---------------------------

Manager ID: 123

Name: Amelie Hudson

---------------------------

Manager ID: 1001

Name: Annabelle Dunn

---------------------------

Manager ID: 1006

Name: Rose Stephens

---------------------------

Manager ID: 1007

Name: Summer Payne

---------------------------

-- Create a PL/SQL cursor to calculate total salary from employees table without using sum() function

SET NOCOUNT ON;

DECLARE @v\_salary NUMERIC(20, 5);

DECLARE @v\_total\_salary NUMERIC(20, 5) = 0;

DECLARE @employee\_salary NUMERIC(20, 5);

DECLARE c\_employees CURSOR FOR

SELECT salary

FROM employees;

OPEN c\_employees;

FETCH NEXT FROM c\_employees INTO @employee\_salary;

WHILE @@FETCH\_STATUS = 0

BEGIN

-- Accumulate the salary

SET @v\_total\_salary = @v\_total\_salary + @employee\_salary;

FETCH NEXT FROM c\_employees INTO @employee\_salary;

END;

CLOSE c\_employees;

DEALLOCATE c\_employees;

-- Print the total salary

PRINT 'Total Salary: ' + CAST(@v\_total\_salary AS VARCHAR(20));

Output

Total Salary: 551492.00000

Completion time: 2023-07-13T13:31:53.4861312+05:30

CREATE PROCEDURE display\_employees

@p\_salary\_limit NUMERIC(20, 5)

AS

BEGIN

SET NOCOUNT ON;

SELECT first\_name, last\_name, salary

FROM employees

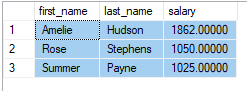
WHERE salary < @p\_salary\_limit;

END;

GO

SET NOCOUNT ON;

EXEC display\_employees @p\_salary\_limit = 6000;



--display the name of the employee and increment percentage of salary according to their working experiences

CREATE PROCEDURE display\_salary\_increment

AS

BEGIN

SET NOCOUNT ON;

DECLARE @v\_employee\_id INT;

DECLARE @v\_first\_name VARCHAR(255);

DECLARE @v\_last\_name VARCHAR(255);

DECLARE @v\_hire\_date DATE;

DECLARE @v\_salary NUMERIC(20, 5);

DECLARE @v\_increment\_percentage NUMERIC(5, 2);

DECLARE c\_employees CURSOR FOR

SELECT employee\_id, first\_name, last\_name, hire\_date, salary

FROM employees;

OPEN c\_employees;

FETCH NEXT FROM c\_employees INTO @v\_employee\_id, @v\_first\_name, @v\_last\_name, @v\_hire\_date, @v\_salary;

WHILE @@FETCH\_STATUS = 0

BEGIN

-- Calculate increment percentage based on working experience

SET @v\_increment\_percentage = CASE

WHEN DATEDIFF(MONTH, @v\_hire\_date, GETDATE()) < 12 THEN 5

WHEN DATEDIFF(MONTH, @v\_hire\_date, GETDATE()) < 24 THEN 10

ELSE 15

END;

-- Calculate the incremented salary

SET @v\_salary = @v\_salary + (@v\_salary \* @v\_increment\_percentage / 100);

-- Display the employee name and incremented salary

PRINT 'Employee: ' + @v\_first\_name + ' ' + @v\_last\_name + ', Incremented Salary: ' + CAST(@v\_salary AS VARCHAR(20))

+ ', Increment Percentage: ' + CAST(@v\_increment\_percentage AS VARCHAR(20));

FETCH NEXT FROM c\_employees INTO @v\_employee\_id, @v\_first\_name, @v\_last\_name, @v\_hire\_date, @v\_salary;

END;

CLOSE c\_employees;

DEALLOCATE c\_employees;

END;

GO

SET NOCOUNT ON;

EXEC display\_salary\_increment;

Output:

Employee: Tommy Bailey, Incremented Salary: 11500.00000, Increment Percentage: 15.00

Employee: Blake Cooper, Incremented Salary: 10925.00000, Increment Percentage: 15.00

Employee: Jude Rivera, Incremented Salary: 11155.00000, Increment Percentage: 15.00

Employee: Louie Richardson, Incremented Salary: 11270.00000, Increment Percentage: 15.00

Employee: Nathan Cox, Incremented Salary: 10005.00000, Increment Percentage: 15.00

Employee: Bobby Torres, Incremented Salary: 11040.00000, Increment Percentage: 15.00

Employee: Charles Ward, Incremented Salary: 9499.00000, Increment Percentage: 15.00

Employee: Gabriel Howard, Incremented Salary: 11329.80000, Increment Percentage: 15.00

Employee: Mohammad Peterson, Incremented Salary: 11500.00000, Increment Percentage: 15.00

Employee: Ryan Gray, Incremented Salary: 11074.50000, Increment Percentage: 15.00

Employee: Tyler Ramirez, Incremented Salary: 7498.00000, Increment Percentage: 15.00

Employee: Elliott James, Incremented Salary: 11296.45000, Increment Percentage: 15.00

Employee: Albert Watson, Incremented Salary: 10959.50000, Increment Percentage: 15.00

Employee: Elliot Brooks, Incremented Salary: 11074.50000, Increment Percentage: 15.00

Employee: Frederick Price, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Alex Sanders, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Ollie Bennett, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Louis Wood, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Dexter Barnes, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Rory Kelly, Incremented Salary: 9809.50000, Increment Percentage: 15.00

Employee: Jaxon Ross, Incremented Salary: 11115.90000, Increment Percentage: 15.00

Employee: Liam Henderson, Incremented Salary: 11115.90000, Increment Percentage: 15.00

Employee: Jackson Coleman, Incremented Salary: 11115.90000, Increment Percentage: 15.00

Employee: Callum Jenkins, Incremented Salary: 11115.90000, Increment Percentage: 15.00

Employee: Ronnie Perry, Incremented Salary: 11115.90000, Increment Percentage: 15.00

Employee: Leon Powell, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Kai Long, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Aaron Patterson, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Roman Hughes, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Austin Flores, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Ellis Washington, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Jamie Butler, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Reggie Simmons, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Seth Foster, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Carter Gonzales, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Felix Bryant, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Ibrahim Alexander, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Sonny Russell, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Kian Griffin, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Caleb Diaz, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Connor Hayes, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Amelia Myers, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Olivia Ford, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Emily Hamilton, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Isla Graham, Incremented Salary: 7935.00000, Increment Percentage: 15.00

Employee: Lola Ramos, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Willow Reyes, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Ivy Burns, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Erin Gordon, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Holly Shaw, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Emilia Holmes, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Molly Rice, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Ellie Robertson, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Jasmine Hunt, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Eliza Black, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Lilly Daniels, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Abigail Palmer, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Georgia Mills, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Maisie Nichols, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Eleanor Grant, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Hannah Knight, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Harriet Ferguson, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Amber Rose, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Bella Stone, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Thea Hawkins, Incremented Salary: 8625.00000, Increment Percentage: 15.00

Employee: Emma Perkins, Incremented Salary: 10350.00000, Increment Percentage: 15.00

Employee: Amelie Hudson, Incremented Salary: 2141.30000, Increment Percentage: 15.00

Employee: Annabelle Dunn, Incremented Salary: 12075.00000, Increment Percentage: 15.00

Employee: Rose Stephens, Incremented Salary: 1207.50000, Increment Percentage: 15.00

Employee: Summer Payne, Incremented Salary: 1178.75000, Increment Percentage: 15.00

Employee: Tommy Bailey, Incremented Salary: 11500.00000, Increment Percentage: 15.00

Completion time: 2023-07-13T13:35:38.9949228+05:30

--display the number of employees by month

CREATE PROCEDURE display\_employees\_by\_month

AS

BEGIN

SET NOCOUNT ON;

DECLARE @i INT = 1;

DECLARE @v\_employee\_count INT;

WHILE @i <= 12

BEGIN

SELECT @v\_employee\_count = COUNT(\*)

FROM employees

WHERE MONTH(hire\_date) = @i;

PRINT 'Month ' + CAST(@i AS VARCHAR(2)) + ': ' + CAST(@v\_employee\_count AS VARCHAR(10)) + ' employees';

SET @i = @i + 1;

END;

END;

GO

SET NOCOUNT ON;

EXEC display\_employees\_by\_month;

Output;

Month 1: 7 employees

Month 2: 12 employees

Month 3: 1 employees

Month 4: 7 employees

Month 5: 4 employees

Month 6: 10 employees

Month 7: 7 employees

Month 8: 8 employees

Month 9: 6 employees

Month 10: 3 employees

Month 11: 1 employees

Month 12: 5 employees

Completion time: 2023-07-13T13:36:36.6522019+05:30

--CREATE plsql block to insert records from employee table to another table

CREATE TABLE target\_table (

job\_title VARCHAR(255),

salary NUMERIC(20, 5)

);

DECLARE @job\_title VARCHAR(255);

DECLARE @salary NUMERIC(20, 5);

DECLARE c\_employees CURSOR FOR

SELECT job\_title, salary

FROM employees;

BEGIN TRY

BEGIN TRAN;

OPEN c\_employees;

FETCH NEXT FROM c\_employees INTO @job\_title, @salary;

WHILE @@FETCH\_STATUS = 0

BEGIN

INSERT INTO target\_table (job\_title, salary)

VALUES (@job\_title, @salary);

FETCH NEXT FROM c\_employees INTO @job\_title, @salary;

END;

CLOSE c\_employees;

DEALLOCATE c\_employees;

COMMIT;

PRINT 'Records inserted successfully.';

END TRY

BEGIN CATCH

IF @@TRANCOUNT > 0

ROLLBACK;

PRINT 'Error: ' + ERROR\_MESSAGE();

END CATCH;

job\_title salary

President 10000.00000

Administration Vice President 9500.00000

Administration Vice President 9700.00000

Programmer 9800.00000

Programmer 8700.00000

Programmer 9600.00000

Programmer 8260.00000

Programmer 9852.00000

Finance Manager 10000.00000

Accountant 9630.00000

Accountant 6520.00000

Accountant 9823.00000

Accountant 9530.00000

Accountant 9630.00000

Purchasing Clerk 8530.00000

Purchasing Clerk 8530.00000

Purchasing Clerk 8530.00000

Purchasing Clerk 8530.00000

Purchasing Clerk 8530.00000

Purchasing Manager 8530.00000

Stock Manager 9666.00000

Stock Manager 9666.00000

Stock Manager 9666.00000

Stock Manager 9666.00000

Stock Manager 9666.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

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Stock Clerk 6900.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

Stock Clerk 6900.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

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Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Shipping Clerk 7500.00000

Marketing Manager 9000.00000

Marketing Representative 1862.00000

Administration Assistant 10500.00000

Accounting Manager 1050.00000

Public Accountant 1025.00000

--create the plsql package to calculate the net value of the ordered items done by a particular customer in a specific year

CREATE PROCEDURE order\_net\_value\_calculation

@p\_customer\_id INT,

@p\_year INT,

@p\_net\_value DECIMAL(18, 2) OUTPUT

AS

BEGIN

SELECT @p\_net\_value = SUM(order\_items.quantity \* order\_items.unit\_price)

FROM orders

JOIN order\_items ON orders.order\_id = order\_items.order\_id

WHERE orders.customer\_id = @p\_customer\_id

AND YEAR(orders.order\_date) = @p\_year;

IF @p\_net\_value IS NULL

SET @p\_net\_value = 0;

END;

GO

DECLARE @v\_customer\_id INT = 44;

DECLARE @v\_year INT = 2017;

DECLARE @v\_net\_value DECIMAL(18, 2);

EXEC order\_net\_value\_calculation @p\_customer\_id = @v\_customer\_id, @p\_year = @v\_year, @p\_net\_value = @v\_net\_value OUTPUT;

PRINT 'Net Value: ' + CONVERT(VARCHAR(50), @v\_net\_value);

Output:

Net Value: 262085.32

Completion time: 2023-07-13T13:38:29.6847630+05:30

--display the first 10 customers using nested table

DECLARE @v\_customers TABLE (

customer\_id INT,

first\_name VARCHAR(255),

last\_name VARCHAR(255),

email VARCHAR(255),

phone VARCHAR(20)

);

INSERT INTO @v\_customers (customer\_id, first\_name, last\_name, email, phone)

SELECT TOP 10 customer\_id, first\_name, last\_name, email, phone

FROM contacts;

DECLARE @customer\_id INT;

DECLARE @first\_name VARCHAR(255);

DECLARE @last\_name VARCHAR(255);

DECLARE @email VARCHAR(255);

DECLARE @phone VARCHAR(20);

DECLARE c\_customers CURSOR FOR

SELECT customer\_id, first\_name, last\_name, email, phone

FROM @v\_customers;

OPEN c\_customers;

FETCH NEXT FROM c\_customers INTO @customer\_id, @first\_name, @last\_name, @email, @phone;

WHILE @@FETCH\_STATUS = 0

BEGIN

PRINT 'Customer ID: ' + CONVERT(VARCHAR(10), @customer\_id);

PRINT 'First Name: ' + @first\_name;

PRINT 'Last Name: ' + @last\_name;

PRINT 'Email: ' + @email;

PRINT 'Phone Number: ' + @phone;

-- Display other desired customer information

PRINT '-----------------------';

FETCH NEXT FROM c\_customers INTO @customer\_id, @first\_name, @last\_name, @email, @phone;

END;

CLOSE c\_customers;

DEALLOCATE c\_customers;

Output:

Customer ID: 1

First Name: Flor

Last Name: Stone

Email: flor.stone@raytheon.com

Phone Number: +1 317 123 4104

-----------------------

Customer ID: 2

First Name: Lavera

Last Name: Emerson

Email: lavera.emerson@plainsallamerican.com

Phone Number: +1 317 123 4111

-----------------------

Customer ID: 3

First Name: Fern

Last Name: Head

Email: fern.head@usfoods.com

Phone Number: +1 812 123 4115

-----------------------

Customer ID: 4

First Name: Shyla

Last Name: Ortiz

Email: shyla.ortiz@abbvie.com

Phone Number: +1 317 123 4126

-----------------------

Customer ID: 5

First Name: Jeni

Last Name: Levy

Email: jeni.levy@centene.com

Phone Number: +1 812 123 4129

-----------------------

Customer ID: 6

First Name: Matthias

Last Name: Hannah

Email: matthias.hannah@chs.net

Phone Number: +1 219 123 4136

-----------------------

Customer ID: 7

First Name: Matthias

Last Name: Cruise

Email: matthias.cruise@alcoa.com

Phone Number: +1 219 123 4138

-----------------------

Customer ID: 8

First Name: Meenakshi

Last Name: Mason

Email: meenakshi.mason@internationalpaper.com

Phone Number: +1 317 123 4141

-----------------------

Customer ID: 9

First Name: Christian

Last Name: Cage

Email: christian.cage@emerson.com

Phone Number: +1 219 123 4142

-----------------------

Customer ID: 10

First Name: Charlie

Last Name: Sutherland

Email: charlie.sutherland@up.com

Phone Number: +1 317 123 4146

-----------------------

Completion time: 2023-07-13T13:39:44.9205006+05:30

--fetch the data from employees table for employee\_id '1001' using native dynamic sql (execute immediate)

DECLARE @v\_employee\_id INT = 1001;

DECLARE @v\_sql NVARCHAR(200);

DECLARE @v\_first\_name VARCHAR(255);

DECLARE @v\_last\_name VARCHAR(255);

DECLARE @v\_salary DECIMAL(20, 5);

SET @v\_sql = N'SELECT @v\_first\_name = first\_name, @v\_last\_name = last\_name, @v\_salary = salary FROM employees WHERE employee\_id = @v\_employee\_id';

EXEC sp\_executesql @v\_sql,

N'@v\_employee\_id INT, @v\_first\_name VARCHAR(255) OUTPUT, @v\_last\_name VARCHAR(255) OUTPUT, @v\_salary DECIMAL(20, 5) OUTPUT',

@v\_employee\_id = @v\_employee\_id,

@v\_first\_name = @v\_first\_name OUTPUT,

@v\_last\_name = @v\_last\_name OUTPUT,

@v\_salary = @v\_salary OUTPUT;

IF (@@ROWCOUNT > 0)

BEGIN

PRINT 'Employee ID: ' + CONVERT(VARCHAR(10), @v\_employee\_id);

PRINT 'First Name: ' + @v\_first\_name;

PRINT 'Last Name: ' + @v\_last\_name;

PRINT 'Salary: ' + CONVERT(VARCHAR(20), @v\_salary);

END

ELSE

BEGIN

PRINT 'Employee not found.';

END

--Output:

Employee ID: 1001

First Name: Annabelle

Last Name: Dunn

Salary: 10500.00000

Completion time: 2023-07-13T13:40:28.8768133+05:30

--Create a statement level trigger, when CRUD operatons is performed on employees table

SET NOCOUNT ON;

GO

CREATE OR ALTER TRIGGER employees\_trigger

ON employees

AFTER INSERT, UPDATE, DELETE

AS

BEGIN

DECLARE @v\_operation VARCHAR(10);

IF EXISTS (SELECT \* FROM inserted)

BEGIN

SET @v\_operation = 'INSERT';

END

ELSE IF EXISTS (SELECT \* FROM deleted)

BEGIN

SET @v\_operation = 'DELETE';

END

ELSE

BEGIN

SET @v\_operation = 'UPDATE';

END;

PRINT 'CRUD operation (' + @v\_operation + ') performed on employees table';

END;

GO

-- Example insert statement

INSERT INTO employees (EMPLOYEE\_ID, FIRST\_NAME, LAST\_NAME, EMAIL, PHONE, HIRE\_DATE, MANAGER\_ID, JOB\_TITLE, SALARY)

VALUES (1012, 'Tommy', 'Bailey', 'tommy.bailey@example.com', '515.123.4567', '2016-06-17', NULL, 'President', 10000);

Output:

CRUD operation (INSERT) performed on employees table

Completion time: 2023-07-13T13:42:23.3770640+05:30