

## 1. EMPLOYEE

```
CREATE TABLE EMPLOYEE(  
    E_ID INTEGER,  
    E_FNAME VARCHAR2(15),  
    E_LNAME VARCHAR2(15),  
    E_MIDDLE_INIT VARCHAR2(1),  
    E_HIRE_DATE DATE,  
    CONSTRAINT pk_emp PRIMARY KEY(E_ID)  
);  
  
    INSERT INTO EMPLOYEE VALUES(1,'AMRITH','AAKRE','K','JULY-16-2005');  
    INSERT INTO EMPLOYEE  
VALUES(2,'TRES"SA','REED-HUMPHRIES','C','APR-28-2008');  
    INSERT INTO EMPLOYEE VALUES(3,'RUTH','ABARCA','A','JUL-06-2016');  
    INSERT INTO EMPLOYEE  
VALUES(4,'TRACY','WILLIAMS',NULL,'AUG-13-2001');  
    INSERT INTO EMPLOYEE  
VALUES(5,'TRACY','ROBINSON','R','SEP-27-1999');  
    INSERT INTO EMPLOYEE  
VALUES(6,'ZULEYMA','RIVERA-FARIAS','V','AUG-31-1998');  
    INSERT INTO EMPLOYEE VALUES(7,'KHALIL','ABBOUD','E','DEC-17-1982');  
    INSERT INTO EMPLOYEE  
VALUES(8,'ABDALLAH','ABDELHAMID','F','JUL-27-2011');  
    INSERT INTO EMPLOYEE  
VALUES(9,'PAMELA','HUMPHRIES','C','NOV-18-2002');  
    INSERT INTO EMPLOYEE  
VALUES(10,'PAMELA','WILLIAMSON','R','APR-17-2006');  
    INSERT INTO EMPLOYEE VALUES(11,'PAMELA','HUNT','J','NOV-01-1988');
```

## 2. FISCAL\_YEAR

```
CREATE TABLE FISCAL_YEAR(  
    FISCAL_PERIOD VARCHAR(255) PRIMARY KEY,  
    FISCAL_YEAR INTEGER,  
    FISCAL_QUATER INTEGER  
);
```

```
INSERT INTO FISCAL_YEAR VALUES ('2016Q1',2016,1);
INSERT INTO FISCAL_YEAR VALUES ('2016Q2',2016,2);
INSERT INTO FISCAL_YEAR VALUES ('2016Q3',2016,3);
INSERT INTO FISCAL_YEAR VALUES ('2016Q4',2016,4);
INSERT INTO FISCAL_YEAR VALUES ('2017Q1',2017,1);
INSERT INTO FISCAL_YEAR VALUES ('2017Q2',2017,2);
INSERT INTO FISCAL_YEAR VALUES ('2017Q3',2017,3);
INSERT INTO FISCAL_YEAR VALUES ('2017Q4',2017,4);
INSERT INTO FISCAL_YEAR VALUES ('2018Q1',2018,1);
INSERT INTO FISCAL_YEAR VALUES ('2018Q2',2018,2);
```

### **3. OFFICE**

```
CREATE TABLE OFFICE(
  OFFICE_ID INTEGER,
  OFFICE_NAME VARCHAR2(255),
  BUREAU_ID INTEGER,
  CONSTRAINT pk_office PRIMARY KEY(OFFICE_ID)
);
INSERT INTO OFFICE VALUES
(1032, 'DEPT. OF HUMAN RESOURCES',1);
INSERT INTO OFFICE VALUES
(1110, 'COUNTY CLERK',2);
INSERT INTO OFFICE VALUES
(1239, 'DEPARTMENT OF CORRECTIONS',3);
INSERT INTO OFFICE VALUES
(1240, 'Cermak Health Services',4);
INSERT INTO OFFICE VALUES
(1250, 'STATES ATTORNEY',5);
INSERT INTO OFFICE VALUES
(1280, 'ADULT PROBATION DEPT.',6);
INSERT INTO OFFICE VALUES
(1326, 'JUVENILE PROBATION',6);
INSERT INTO OFFICE VALUES
```

```
(1335, 'CLERK OF CRCT CRT OFF. OF CLER',7);  
INSERT INTO OFFICE VALUES  
(1895, 'Department of Public Health',8);  
INSERT INTO OFFICE VALUES  
(4897, 'STROGER HOSPITAL OF COOK CNTY',9);
```

#### **4. JOB**

```
CREATE TABLE Job (  
    JOB_CODE Integer PRIMARY KEY,  
    JOB_TITLE VARCHAR2(255)  
);
```

```
INSERT INTO Job VALUES (79,'Student Administrative Aide');  
INSERT INTO Job VALUES (907,'Clerk V');  
INSERT INTO Job VALUES (911,'Senior Clerk');  
INSERT INTO Job VALUES (1172,'Assistant State"s Attorney');  
INSERT INTO Job VALUES (1360,'Correctional Officer');  
INSERT INTO Job VALUES (1564,'Supervisor Adult Probation');  
INSERT INTO Job VALUES (1941,'Clinical Nurse I');  
INSERT INTO Job VALUES (1942,'Clinical Nurse II');  
INSERT INTO Job VALUES (2143,'Building Service Worker- CCH');  
INSERT INTO Job VALUES (3144,'Election Support Clerk V');  
INSERT INTO Job VALUES (4688,'Pharmacy Technician ARNTE OFH');  
INSERT INTO Job VALUES (4721,'Regional Health Officer');  
INSERT INTO Job VALUES (5742,'Manager I-CCC');
```

#### **5. BUREAU**

```
CREATE TABLE Bureau (  
    BUREAU_ID Integer PRIMARY KEY,  
    BUREAU_NAME VARCHAR2(255)  
);
```

```
INSERT INTO Bureau VALUES (1,'Bureau of Human Resources');  
INSERT INTO Bureau VALUES (2,'County Clerk');  
INSERT INTO Bureau VALUES (3,'Sheriff');
```

```

INSERT INTO Bureau VALUES (4,'HEALTH');
INSERT INTO Bureau VALUES (5,'State"s Attorney");
INSERT INTO Bureau VALUES (6,'Chief Judge');
INSERT INTO Bureau VALUES (7,'Clerk of Circuit Ct. ');
INSERT INTO Bureau VALUES (8,'CORPORATE');
INSERT INTO Bureau VALUES (9,'Bureau of Health');

```

## 6. PAYROLL

```

CREATE TABLE PAYROLL
( PAYROLL_ID INTEGER PRIMARY KEY,
E_ID INTEGER,
FISCAL_PERIOD VARCHAR2(20),
POSITION_ID INTEGER,
BASE_PAY DECIMAL (10,2) );

```

```

INSERT INTO PAYROLL VALUES (1 , 1 , '2016Q1' , 9510200 , 20088);
INSERT INTO PAYROLL VALUES (2 , 1 , '2016Q2' , 9510200 , 23436);
INSERT INTO PAYROLL VALUES (3 , 1 , '2016Q3' , 9510200 , 20422.82);
INSERT INTO PAYROLL VALUES (4 , 1 , '2016Q4' , 9510200 , 23904.8);
INSERT INTO PAYROLL VALUES (5 , 1 , '2017Q1' , 9510200 , 20745.8);
INSERT INTO PAYROLL VALUES (6 , 1 , '2017Q2' , 9510200 , 24473.38);
INSERT INTO PAYROLL VALUES (7 , 1 , '2017Q3' , 9510200 , 21217.35);
INSERT INTO PAYROLL VALUES (8 , 2 , '2016Q1' , 9515112 , 12078.18);
INSERT INTO PAYROLL VALUES (9 , 2 , '2016Q2' , 9515112 , 14091.25);
INSERT INTO PAYROLL VALUES (10 , 2 , '2016Q3' , 9515112 , 12279.45);
INSERT INTO PAYROLL VALUES (11 , 2 , '2016Q4' , 9515112 , 14372.98);
INSERT INTO PAYROLL VALUES (12 , 2 , '2017Q1' , 9515112 , 12473.68);
INSERT INTO PAYROLL VALUES (13 , 2 , '2017Q2' , 9515112 , 14798.15);
INSERT INTO PAYROLL VALUES (14 , 2 , '2017Q3' , 9515112 , 12756);
INSERT INTO PAYROLL VALUES (15 , 2 , '2017Q4' , 9515112 , 14882);
INSERT INTO PAYROLL VALUES (16 , 2 , '2018Q2' , 9515112 , 14300.15);
INSERT INTO PAYROLL VALUES (17 , 2 , '2018Q1' , 9515112 , 12136.1);
INSERT INTO PAYROLL VALUES (18 , 3 , '2016Q3' , 1600398 , 7344.6);
INSERT INTO PAYROLL VALUES (19 , 4 , '2016Q1' , 9520159 , 0);
INSERT INTO PAYROLL VALUES (20 , 5 , '2016Q1' , 9512640 , 19524.18);
INSERT INTO PAYROLL VALUES (21 , 5 , '2016Q2' , 9512640 , 23017.64);
INSERT INTO PAYROLL VALUES (22 , 5 , '2016Q3' , 9512640 , 19729.39);
INSERT INTO PAYROLL VALUES (23 , 5 , '2016Q4' , 9512640 , 23017.54);
INSERT INTO PAYROLL VALUES (24 , 5 , '2017Q1' , 9512640 , 20088.72);
INSERT INTO PAYROLL VALUES (25 , 5 , '2017Q2' , 9512640 , 23514.43);

```

```

INSERT INTO PAYROLL VALUES (26 , 5 , '2017Q3' , 9512640 , 20509.74);
INSERT INTO PAYROLL VALUES (27 , 5 , '2017Q4' , 9512640 , 24006.53);
INSERT INTO PAYROLL VALUES (28 , 6 , '2016Q1' , 9519898 , 10125.43);
INSERT INTO PAYROLL VALUES (29 , 6 , '2016Q2' , 1400686 , 3813.61);
INSERT INTO PAYROLL VALUES (30 , 6 , '2016Q2' , 9519898 , 8465.51);
INSERT INTO PAYROLL VALUES (31 , 6 , '2016Q3' , 1400686 , 11440.87);
INSERT INTO PAYROLL VALUES (32 , 6 , '2016Q4' , 1400686 , 13347.61);
INSERT INTO PAYROLL VALUES (33 , 6 , '2017Q1' , 1400686 , 11655.26);
INSERT INTO PAYROLL VALUES (34 , 6 , '2017Q2' , 1400686 , 13647.85);
INSERT INTO PAYROLL VALUES (35 , 6 , '2017Q3' , 1400686 , 11627.51);
INSERT INTO PAYROLL VALUES (36 , 6 , '2017Q4' , 1400686 , 13772.62);
INSERT INTO PAYROLL VALUES (37 , 6 , '2018Q1' , 9509235 , 1900.81);
INSERT INTO PAYROLL VALUES (38 , 6 , '2018Q2' , 9509235 , 3807.8);
INSERT INTO PAYROLL VALUES (39 , 6 , '2018Q2' , 1802304 , 9518.86);
INSERT INTO PAYROLL VALUES (40 , 6 , '2018Q1' , 1802304 , 8639.1);
INSERT INTO PAYROLL VALUES (41 , 6 , '2018Q1' , 1400686 , 1988.6);
INSERT INTO PAYROLL VALUES (42 , 7 , '2016Q1' , 9512676 , 8017.33);
INSERT INTO PAYROLL VALUES (43 , 7 , '2016Q2' , 9512676 , 0);
INSERT INTO PAYROLL VALUES (44 , 7 , '2016Q3' , 9512676 , 0);
INSERT INTO PAYROLL VALUES (45 , 8 , '2016Q1' , 800096 , 13558.94);
INSERT INTO PAYROLL VALUES (46 , 8 , '2016Q2' , 800096 , 11336.02);
INSERT INTO PAYROLL VALUES (47 , 8 , '2016Q3' , 800096 , 13416.31);
INSERT INTO PAYROLL VALUES (48 , 8 , '2016Q4' , 800096 , 13448.9);
INSERT INTO PAYROLL VALUES (49 , 8 , '2017Q1' , 800096 , 14306.48);
INSERT INTO PAYROLL VALUES (50 , 8 , '2017Q2' , 800096 , 9642.69);
INSERT INTO PAYROLL VALUES (51 , 8 , '2017Q3' , 800096 , 0);
INSERT INTO PAYROLL VALUES (52 , 9 , '2016Q1' , 1000397 , 18594.58);
INSERT INTO PAYROLL VALUES (53 , 9 , '2016Q2' , 1000397 , 15604.99);
INSERT INTO PAYROLL VALUES (54 , 9 , '2016Q2' , 1000415 , 6930.93);
INSERT INTO PAYROLL VALUES (55 , 9 , '2016Q3' , 1000415 , 19553.97);
INSERT INTO PAYROLL VALUES (56 , 9 , '2016Q4' , 1000415 , 23775.8);
INSERT INTO PAYROLL VALUES (57 , 9 , '2017Q1' , 1000415 , 5990.07);
INSERT INTO PAYROLL VALUES (58 , 10 , '2016Q1' , 600125 , 15001.2);
INSERT INTO PAYROLL VALUES (59 , 10 , '2016Q2' , 600125 , 17827.44);
INSERT INTO PAYROLL VALUES (60 , 10 , '2016Q3' , 600125 , 15650.4);
INSERT INTO PAYROLL VALUES (61 , 10 , '2016Q4' , 600125 , 18258.8);
INSERT INTO PAYROLL VALUES (62 , 10 , '2017Q1' , 600125 , 15943.98);
INSERT INTO PAYROLL VALUES (63 , 10 , '2017Q2' , 600125 , 18669.74);
INSERT INTO PAYROLL VALUES (64 , 10 , '2017Q3' , 600125 , 16269.6);
INSERT INTO PAYROLL VALUES (65 , 10 , '2017Q4' , 600125 , 19043.5);
INSERT INTO PAYROLL VALUES (66 , 11 , '2016Q2' , 9514543 , 0);

```

## **7. Position:**

```
CREATE TABLE Position (  
    POSITION_ID INT PRIMARY KEY,  
    JOB_CODE INT  
);
```

```
INSERT INTO Position VALUES (600125, 80096);  
INSERT INTO Position VALUES (800096, 1360);  
INSERT INTO Position VALUES (1000329, 4721);  
INSERT INTO Position VALUES (1000397, 1941);  
INSERT INTO Position VALUES (1000415, 1942);  
INSERT INTO Position VALUES (1400686, 4688);  
INSERT INTO Position VALUES (1600398, 79);  
INSERT INTO Position VALUES (1801594, 4721);  
INSERT INTO Position VALUES (1802304, 907);  
INSERT INTO Position VALUES (9501801, 3144);  
INSERT INTO Position VALUES (9509235, 907);  
INSERT INTO Position VALUES (9510200, 1172);  
INSERT INTO Position VALUES (9512640, 1564);  
INSERT INTO Position VALUES (9512676, 1564);  
INSERT INTO Position VALUES (9515112, 5742);  
INSERT INTO Position VALUES (9519898, 911);  
INSERT INTO Position VALUES (9520159, 2143);
```

## **8. Emp\_office :**

```
CREATE TABLE EMP_OFFICE (  
    EMP_OFFICE_ID INT PRIMARY KEY,  
    E_ID INT,
```

```
OFFICE_ID INT,  
FOREIGN KEY (E_ID) REFERENCES EMPLOYEE(E_ID),  
FOREIGN KEY (OFFICE_ID) REFERENCES OFFICE(OFFICE_ID)  
);
```

```
INSERT INTO EMP_OFFICE VALUES (1, 1, 1250);  
INSERT INTO EMP_OFFICE VALUES (2, 2, 1335);  
INSERT INTO EMP_OFFICE VALUES (3, 3, 1032);  
INSERT INTO EMP_OFFICE VALUES (4, 4, 4897);  
INSERT INTO EMP_OFFICE VALUES (5, 5, 1280);  
INSERT INTO EMP_OFFICE VALUES (6, 6, 4897);  
INSERT INTO EMP_OFFICE VALUES (7, 6, 1240);  
INSERT INTO EMP_OFFICE VALUES (8, 7, 1280);  
INSERT INTO EMP_OFFICE VALUES (9, 8, 1239);  
INSERT INTO EMP_OFFICE VALUES (10, 9, 1240);  
INSERT INTO EMP_OFFICE VALUES (11, 10, 1239);  
INSERT INTO EMP_OFFICE VALUES (12, 11, 1326);
```