**CREATE TABLE DEPARTMENT (**

**dept\_no INT PRIMARY KEY,**

**dept\_name VARCHAR(50) NOT NULL,**

**location VARCHAR(100) NOT NULL**

**);**

**CREATE TABLE EMPLOYEE (**

**emp\_id INT PRIMARY KEY,**

**emp\_name VARCHAR(10) NOT NULL,**

**birth\_date DATE NOT NULL**

**gender CHAR(1) CHECK (gender IN ('M', 'F')),**

**dept\_no INT NOT NULL,**

**address VARCHAR(25),**

**designation VARCHAR(15) CHECK (designation IN ('manager', 'clerk', 'leader', 'analyst', 'designer', 'coder', 'tester')),**

**salary DECIMAL(10, 2) CHECK (salary > 0),**

**experience INT CHECK (experience >= 0),**

**CONSTRAINT fk\_dept FOREIGN KEY (dept\_no) REFERENCES DEPARTMENT(dept\_no));**