

QWERY(COMPANY)

```
CREATE TABLE Employee (
    ssn CHAR(9) PRIMARY KEY,
    salary REAL,
    phone VARCHAR(15)
);

CREATE TABLE Department (
    dno INTEGER PRIMARY KEY,
    dname VARCHAR(50),
    budget REAL,
    manager_ssn CHAR(9),
    FOREIGN KEY (manager_ssn) REFERENCES Employee(ssn)
);

CREATE TABLE WorksIn (
    ssn CHAR(9),
    dno INTEGER,
    PRIMARY KEY (ssn),
    FOREIGN KEY (ssn) REFERENCES Employee(ssn),
    FOREIGN KEY (dno) REFERENCES Department(dno)
);

CREATE TABLE Child (
    name VARCHAR(50),
    age INTEGER,
    parent_ssn CHAR(9),
    PRIMARY KEY (parent_ssn, name),
    FOREIGN KEY (parent_ssn) REFERENCES Employee(ssn) ON DELETE CASCADE
);

CREATE TABLE Emp (
    eid INT PRIMARY KEY,
    ename VARCHAR(100),
    age INT,
    salary DECIMAL(10, 2)
);

CREATE TABLE Dept (
    did INT PRIMARY KEY,
    dname VARCHAR(100),
    budget DECIMAL(12, 2),
    managerid INT,
    FOREIGN KEY (managerid) REFERENCES Emp(eid)
);

CREATE TABLE Works (
    eid INT,
    did INT,
    pcttime INT,
    PRIMARY KEY (eid, did),
    FOREIGN KEY (eid) REFERENCES Emp(eid),
    FOREIGN KEY (did) REFERENCES Dept(did)
);
```

a) Add DON as an employee with eid = 101, age = 22, salary = 75,000

```
INSERT INTO Emp (eid, ename, age, salary)
VALUES (101, 'DON', 22, 75000.00);
```

b) Give every employee a 10 percent raise

```
UPDATE Emp
SET salary = salary * 1.10;
```

c) Delete the Toy department

```
DELETE FROM Dept
WHERE dname = 'Toy';
```