

## Team: GOD (Granter of Data)

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1.

```
CREATE TABLE EMP_1 (  
  EMP_NUM CHAR(3) NOT NULL,  
  EMP_LNAME VARCHAR(15) NOT NULL,  
  EMP_FNAME VARCHAR(15) NOT NULL,  
  EMP_INITIAL CHAR(1),  
  EMP_HIREDATE DATETIME,  
  JOB_CODE CHAR(3),  
  PRIMARY KEY (EMP_NUM)  
);
```

2.

```
INSERT INTO EMP_1 (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('101', 'News', 'John', 'G', '2000-11-08 00:00:00', '502');
```

```
INSERT INTO EMP_1 (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('102', 'Senior', 'David', 'H', '1989-07-12 00:00:00', '501');
```

### 3.

```
CREATE TABLE EMPLOYEE (  
    EMP_NUM CHAR(3) NOT NULL,  
    EMP_LNAME VARCHAR(15) NOT NULL,  
    EMP_FNAME VARCHAR(15) NOT NULL,  
    EMP_INITIAL CHAR(1),  
    EMP_HIREDATE DATETIME,  
    JOB_CODE CHAR(3),  
    PRIMARY KEY (EMP_NUM)  
);  
  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('101', 'News', 'John', 'G', '2000-11-08 00:00:00', '502');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('102', 'Senior', 'David', 'H', '1989-07-12 00:00:00', '501');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('103', 'Arbough', 'June', 'E', '1996-12-01 00:00:00', '500');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('104', 'Ramoras', 'Anne', 'K', '1987-11-15 00:00:00', '501');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('105', 'Johnson', 'Alice', 'K', '1993-02-01 00:00:00', '502');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('106', 'Smithfield', 'William', NULL, '2004-06-22 00:00:00', '500');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('107', 'Alonzo', 'Maria', 'D', '1993-10-10 00:00:00', '500');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('108', 'Washington', 'Ralph', 'B', '1991-08-22 00:00:00', '501');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('109', 'Smith', 'Larry', 'W', '1997-07-18 00:00:00', '501');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('110', 'Olenko', 'Gerald', 'A', '1995-12-11 00:00:00', '505');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('111', 'Wabash', 'Geoff', 'B', '1991-04-04 00:00:00', '506');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('112', 'Smithson', 'Darlene', 'M', '1994-10-23 00:00:00', '507');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('113', 'Joebrood', 'Delbert', 'K', '1996-11-15 00:00:00', '508');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('114', 'Jones', 'Annelise', NULL, '1993-08-20 00:00:00', '508');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('115', 'Bawangi', 'Travis', 'B', '1992-01-25 00:00:00', '501');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('116', 'Pratt', 'Gerald', 'L', '1997-03-05 00:00:00', '510');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('117', 'Williamson', 'Angie', 'H', '1996-06-19 00:00:00', '509');  
INSERT INTO EMPLOYEE (EMP_NUM, EMP_LNAME, EMP_FNAME, EMP_INITIAL, EMP_HIREDATE, JOB_CODE)  
VALUES ('118', 'Frommer', 'James', 'J', '2005-01-04 00:00:00', '510');  
  
INSERT INTO EMP_1  
SELECT * FROM EMPLOYEE  
WHERE EMP_NUM >= 103 AND EMP_NUM <= 109;
```

4.

```
BEGIN TRAN  
COMMIT;
```

5.

```
UPDATE EMP_1  
SET JOB_CODE = '501'  
WHERE  
    EMP_NUM = '107';
```

6.

```
DELETE  
FROM  
    EMP_1  
WHERE  
    EMP_LNAME = 'Smithfield' AND EMP_FNAME = 'William';
```

7.

```
CREATE TABLE EMP_2 (  
    EMP_NUM CHAR(3) NOT NULL,  
    EMP_LNAME VARCHAR(15) NOT NULL,  
    EMP_FNAME VARCHAR(15) NOT NULL,  
    EMP_INITIAL CHAR(1),  
    EMP_HIREDATE DATETIME,  
    JOB_CODE CHAR(3),  
    PRIMARY KEY (EMP_NUM)  
);
```

```
INSERT INTO EMP_2  
SELECT * FROM EMP_1;
```

8.

```
ALTER TABLE EMP_2  
ADD EMP_PCT DECIMAL ( 4, 2 ),  
    PROJ_NUM CHAR ( 3 ) ;
```

9.

```
UPDATE EMP_2  
SET EMP_PCT = '3.85'  
WHERE  
    EMP_NUM = '103';
```

**10.**

```
UPDATE EMP_2  
SET EMP_PCT = '5.00'  
WHERE  
    EMP_NUM IN ('101', '105', '107');
```