## 데이터베이스 실습

## - 5주차 실습 -

제출일자	2018.10.5.
이 름	진승언
학 번	201404377

## 테이블 만든 SOL문

```
1 • E CREATE TABLE DEPARTMENT (
                               Department_Name char(20) NOT NULL,
                                                           char(4) NOT NULL,
    3
                               Hot Line
    4
                               PRIMARY KEY(Department_Name)
    6
                    INSERT INTO DEPARTMENT VALUES('Computer Science', '0114');
INSERT INTO DEPARTMENT VALUES('Mathematical', 7013);
INSERT INTO DEPARTMENT VALUES('Electronic', 4665);
    8
    9
                    INSERT INTO DEPARTMENT VALUES ('Historic', 7894);
 10
  11
 12 • CREATE TABLE Course (
                               Course_No double NOT NULL unique,
  13
 14
                               Course_Name CHAR(20),
  15
                               Master_Name CHAR(20),
                               Department_Name char(20),
 16
                                PRIMARY KEY(Course_No),
 17
                               FOREIGN KEY(Department Name) REFERENCES Department(Department Name) ON DELETE CASCADE
 18
                L);
 19
INSERT INTO Course VALUES(1111, 'Database', 'Bob', 'Computer Science');

INSERT INTO Course VALUES(1112, 'Database', 'Bob', 'Computer Science');

INSERT INTO Course VALUES(1113, 'Database', 'Sahra', 'Computer Science');

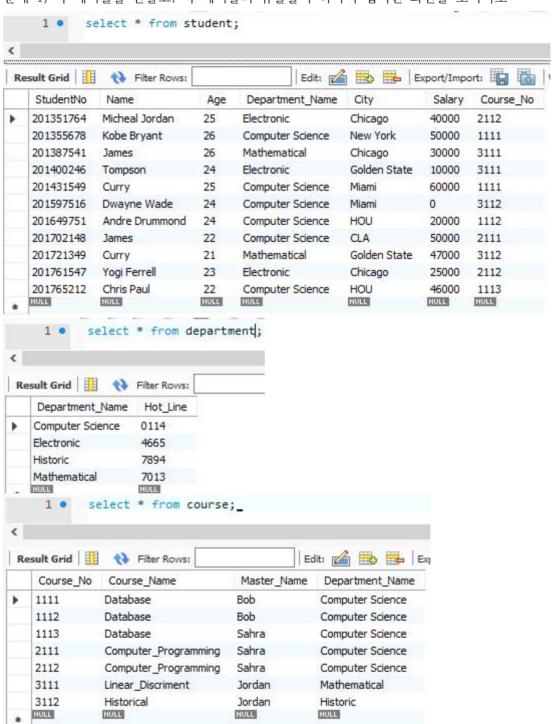
INSERT INTO Course VALUES(2111, 'Computer_Programming', 'Sahra', 'Computer Science');

INSERT INTO Course VALUES(2112, 'Computer_Programming', 'Sahra', 'Computer Science');

INSERT INTO Course VALUES(3111, 'Linear_Discriment', 'Jordan', 'Mathematical');

INSERT INTO Course VALUES(3112, 'Historical', 'Jordan', 'Historic');
 27
 28 • ☐ CREATE TABLE Student (
20 | StudentNo double NOT NULL unique,
29
                          StudentNo dou
Name CHAR(20),
38
31
                           Age double
                           Department_Name char(20),
32
                          City char(20),
Salary double DEFAULT 0,
Course_No double,
33
34
35
36
                           PRIMARY KEY(StudentNo),
37
                           FOREIGN KEY(Department_Name) REFERENCES Department(Department_Name) ON DELETE CASCADE,
38
                           FOREIGN KEY(Course_No) REFERENCES Course(Course_No) ON DELETE CASCADE
             L);
39
40
               INSERT INTO Student VALUES(201355678, 'Kobe Bryant', 26, 'Computer Science', 'New York', 50000, 1111);
INSERT INTO Student VALUES(201387541, 'James', 26, 'Mathematical', 'Chicago', 30000, 3111);
INSERT INTO Student VALUES(201351764, 'Micheal Jordan', 25, 'Electronic', 'Chicago', 40000, 2112);
INSERT INTO Student VALUES(201431549, 'Curry', 25, 'Computer Science', 'Miami', 60000, 1111);
INSERT INTO Student VALUES(201400246, 'Tompson', 24, 'Electronic', 'Golden State', 10000, 3111);
INSERT INTO Student VALUES(201597516, 'Dwayne Wade', 24, 'Computer Science', 'Miami', 8, 3112);
INSERT INTO Student VALUES(201597516, 'Dwayne Wade', 24, 'Computer Science', 'HoU', 20000, 1112);
INSERT INTO Student VALUES(20150751, 'Andre Drummond', 24, 'Computer Science', 'HoU', 20000, 1112);
INSERT INTO Student VALUES(201761547, 'Yogi Ferrell', 23, 'Electronic', 'Chicago', 25000, 2112);
INSERT INTO Student VALUES(201765212, 'Chris Paul', 22, 'Computer Science', 'HOU', 46000, 1113);
INSERT INTO Student VALUES(201702148, 'James', 22, 'Computer Science', 'CLA', 50000, 2111);
INSERT INTO Student VALUES(201721349, 'Curry', 21, 'Mathematical', 'Golden State', 47000, 3112);
41 •
42
43 0
44
46
47
48 •
51 •
52
```

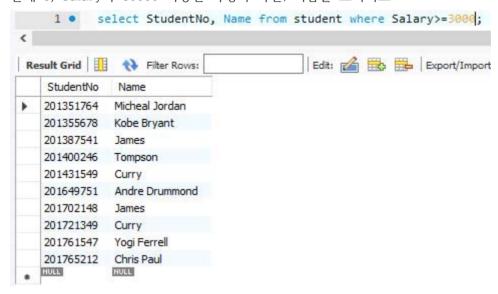
문제 1) 각 테이블을 만들고, 각 테이블의 튜플들이 하나씩 입력된 화면을 보이시오



문제 2) Department\_Name이 Computer Science인 사람의 수가 몇 명인지 보이시오



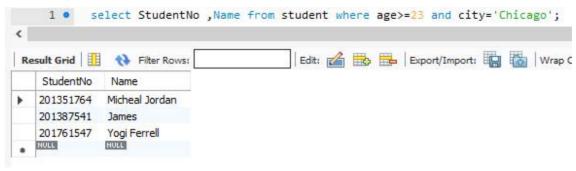
문제 3) Salary가 30000 이상인 학생의 학번, 이름을 보이시오



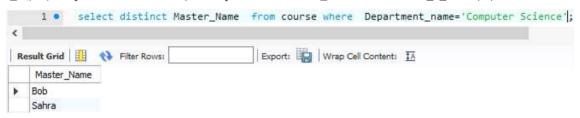
문제 4) 'C'로 시작하는 학생의 이름을 보이시오



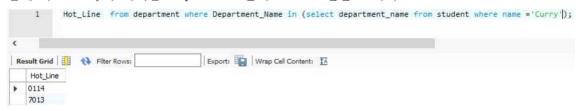
문제 5) Age가 23살 이상이고, City가 Chicago인 학번과 이름을 보이시오.



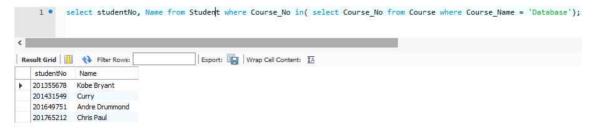
문제 6) Department\_name이 Computer Science인 Master\_Name들을 보이시오.



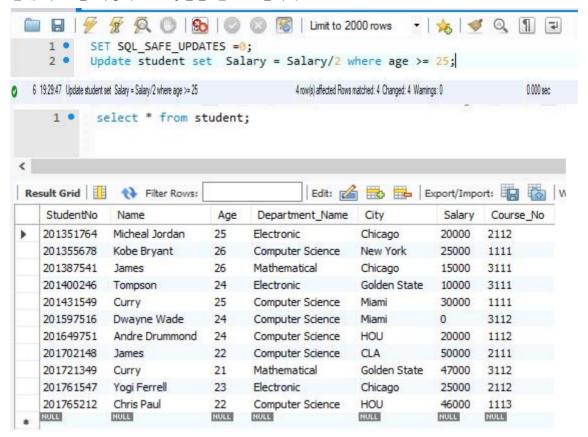
문제 7) Curry가 다니는 Department들의 HotLine들을 보이시오.



문제 8) Course\_Name이 Database 수업을 듣는 학생들의 학번과 이름을 보이시오. 주의) Database 수업의 Course\_No가 1111, 1112, 1113을 이용하는 것이 아니라 Database 수업을 조건으로 이용하여야 합니다.



문제 9) 25살 이상의 Salary들을 반으로 줄이시오.



문제 10) Master\_Name이 Jordan인 학생들의 정보를 모두 지우고 결과화면을 보이시오.

