

Lab10 SQL and Set Operation

1.

```
CREATE TABLE EducationLevel  
(Edu_ID CHAR(4) PRIMARY KEY,  
Edu_Name VARCHAR2(100)  
);
```

2.

```
INSERT INTO EducationLevel VALUES ('EL01','ปริญญาตรี');  
INSERT INTO EducationLevel VALUES ('EL02','ปริญญาโท');  
INSERT INTO EducationLevel VALUES ('EL03','ปริญญาเอก');
```

3.

```
ALTER TABLE Student ADD Edu_ID CHAR(4);
```

```
ALTER TABLE Student ADD FOREIGN KEY (Edu_ID) REFERENCES EducationLevel(Edu_ID);
```

4.

```
INSERT INTO Student VALUES ('623020010-0','นนทกานต์','ณ ลำพูน','D03','','T07','EL01');  
INSERT INTO Student VALUES ('623020011-0','พิชญภาภา','รณชาติชัย','D03','','T01','EL01');  
INSERT INTO Student VALUES ('623021012-0','สิริวิมล','เพชรเจริญ','D03','','T03','EL01');  
INSERT INTO Student VALUES ('633020010-0','นราวิชญ์','คมสัน','D03','','T06','EL01');  
INSERT INTO Student VALUES ('633020011-0','สุพพิธาน','ภักส์วิทย์','D03','','T04','EL01');  
INSERT INTO Student VALUES ('627020010-0','วรพจน์','สุวรรณภักพ','D03','','T05','EL03');  
INSERT INTO Student VALUES ('655020011-0','ภาณุวัฒน์','ยี่สุนวอน','D03','','T02','EL02');
```

5.

```
UPDATE Student  
SET edu_id = (SELECT Edu_ID FROM EducationLevel WHERE Edu_name='ปริญญาตรี')  
WHERE StdID = '633020455-6' or StdID = '633020009-0' or StdID = '633020003-4' or  
StdID = '633020005-6' or StdID = '633020007-8' ;
```

6.

```
UPDATE Student SET Stdaddress = 'KKU'  
WHERE stdaddress is null;
```

7.

```
CREATE TABLE Student_Copy  
(StdID CHAR(11) NOT NULL,  
 StdFName VARCHAR2(40),  
 StdLName VARCHAR2(40),  
 DCode CHAR(3),  
 TCode CHAR(3),  
 PRIMARY KEY (StdID),  
 FOREIGN KEY (DCode) REFERENCES Department(DCode),  
 FOREIGN KEY (TCode) REFERENCES Teacher(TCode)  
);
```

```
INSERT INTO Student_Copy VALUES ('627020010-0','วราพจน์','สุวรรณภักพ','D03','T05');  
INSERT INTO Student_Copy VALUES ('655020011-0','ภาณุวัฒน์','ยี่สุนช้อน','D03','T02');  
INSERT INTO Student_Copy VALUES ('61222222-3','กฤษฎี','จิราพัฒน์นางค์','D04','T01');  
INSERT INTO Student_Copy VALUES ('61333333-3','พุดผิงค์','อัสสรัดนกุล','D05','T03');
```

8.

```
SELECT StdFName From Student WHERE stdfname not in (SELECT StdFName From Student_Copy);
```

Script Output x

Task completed in 0.162 seconds

STDFNAME

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```