ข้อที่ 1

สร้างฐานข้อมูล

CREATE DATABASE University;

```
สร้างตาราง Faculty
```

```
CREATE TABLE `faculty` (
  `facultyid` varchar(11) NOT NULL,
  `facultyname` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

สร้างตาราง Teacher

กำหนด PRIMARY KEY และ FOREIGN KEY

```
ALTER TABLE `teacher`

ADD PRIMARY KEY (`id`),

ADD FOREIGN KEY (`facutyid`);

COMMIT;
```

เพิ่มข้อมูลในตาราง Faculty

INSERT INTO `faculty` (`facultyid`, `facultyname`) VALUES ('F001', 'Science'), ('F002', 'Law');

ข้อที่ 2

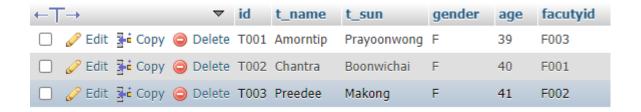
INSERT INTO 'teacher' ('id', 't_name', 't_sun', 'gender', 'age', 'facutyid') VALUES ('T001', 'Amorntip', 'Prayoonwong', 'F', '39', 'F001'),

('T002', 'Chantra', 'Boonwichai', 'F', '40', 'F001'),

('T003', 'Preedee', 'Makong', 'F', '41', 'F002');

ข้อที่ 3

UPDATE `teacher` SET `id`="T001", `gender`="F", `age`="39", `facutyid`="F003" WHERE id = "T001"



ข้อที่ 4

UPDATE `teacher` SET `id`="T001", `gender`="F", `age`="39", `facutyid`="F001" WHERE id = "T001"

← +	id	t_name	t_sun	gender	age	facutyid
☐ Ø Edit ¾ Copy Delete	T001	Amorntip	Prayoonwong	F	39	F001
☐ 🖉 Edit 👫 Copy 😊 Delete	T002	Chantra	Boonwichai	F	40	F001
☐ 🖉 Edit 👫 Copy 😊 Delete	T003	Preedee	Makong	F	41	F002

ข้อที่ 5

SELECT * FROM `teacher` WHERE age="40"



ข้อที่ 6

SELECT * FROM teacher

JOIN faculty

ON teacher.facutyid = faculty.facultyid

WHERE facultyname="Science"

ic	d	t_name	t_sun	gender	age	facutyid	facultyid	facultyname
Т	001	Amorntip	Prayoonwong	F	39	F001	F001	Science
Т	002	Chantra	Boonwichai	F	40	F001	F001	Science