

## ข้อ 1

```
create or replace PROCEDURE Show_Student_Procedure
IS
    v_no number(2) :=0;
    v_stdid student.stdid%type;
    v_stdFname student.stdfname%type;
    v_stdLname student.stdlname%type;
CURSOR std_cur IS
    SELECT stdid,stdfname,stdlname FROM Student;
BEGIN

    IF NOT std_cur%ISOPEN THEN
        OPEN std_cur;
    END IF;
    LOOP
        FETCH std_cur INTO v_stdid,v_stdfname,v_stdlname;
        EXIT WHEN std_cur%NOTFOUND;
        v_no := v_no +1;
        DBMS_OUTPUT.PUT_LINE(v_no||' '||v_stdid||' '||v_stdfname||' '||v_stdlname);
    END LOOP;
CLOSE std_cur;
END;
```

## ข้อ 2

```
create or replace PROCEDURE Student_Dept_Procedure
IS
    v_no number(2) :=0;
    v_stdid student.stdid%type;
    v_stdFname student.stdfname%type;
    v_stdLname student.stdlname%type;
    v_department department.dname_eng%type;
    v_faculty faculty.fname_eng%type;
CURSOR stdd_cur IS
    SELECT stdid,stdfname,stdlname,department.dname_eng,faculty.fname_eng FROM Student JOIN department using (dcode) JOIN Faculty using(fcode);
BEGIN

    IF NOT stdd_cur%ISOPEN THEN
        OPEN stdd_cur;
    END IF;
    LOOP
        FETCH stdd_cur INTO v_stdid,v_stdfname,v_stdlname,v_department,v_faculty;
        EXIT WHEN stdd_cur%NOTFOUND;
        v_no := v_no +1;
        DBMS_OUTPUT.PUT_LINE(v_no||' '||v_stdid||' '||v_stdfname||' '||v_stdlname||' '||'DEPARTMENT: '||v_department||' '||'FACULTY: '|| v_faculty);
    END LOOP;
CLOSE stdd_cur;
END;
```

### ข้อ 3

```
create or replace FUNCTION first_student_function
RETURN DEPARTMENT.DNAME_THAI%TYPE
IS
    v_stdid STUDENT.STDID%TYPE;
    v_stdfname STUDENT.STDFNAME%TYPE;
    v_stdlname STUDENT.STDLNAME%TYPE;
    v_department DEPARTMENT.DNAME_ENG%TYPE;
    v_faculty FACULTY.FNAME_ENG%TYPE;

BEGIN
    SELECT stdid,stdfname,stdlname,department.dname_eng,faculty.fname_eng
    INTO v_stdid,v_stdfname, v_stdlname,v_department,v_faculty
    FROM Student JOIN department using (dcode) JOIN Faculty using(fcode)
    WHERE stdid = (SELECT MIN(stdid) FROM student );
    RETURN 'The First student is '||v_stdid||' '||v_stdfname||' '||v_stdlname||' '||v_department||' '||v_faculty;
END;
```