

```
--C-001 교육생 - 교육생 개인 정보/수강과정/과정기간/강의실 조회  
select * from vStudentList;
```

```
--교육생 조회 뷰
```

```
create or replace view vStudentList
```

```
as
```

```
select regstDate, num2, seqStudent, name, ssn, startDate, endDate, room, studentId,  
courseName from(select a.*, rownum num2 from (select s.seqStudent as seqStudent,
```

```
    s.name as name,
```

```
    substr(s.ssn, 1, 6) as ssn,
```

```
    bc.name as courseName,
```

```
    to_char(oc.startdate, 'yyyy-mm-dd') as startDate,
```

```
    to_char(oc.endDate, 'yyyy-mm-dd') as endDate,
```

```
    r.name as room,
```

```
    s.id as studentId,
```

```
    s.firstregistrationdate as regstDate
```

```
from tblStudent s
```

```
    inner join tblRegCourse rc
```

```
        on s.seqstudent = rc.seqStudent
```

```
        inner join tblOpenCourse oc
```

```
            on oc.seqopencourse = rc.seqopencourse
```

```
            inner join tblBasicCourseInfo bc
```

```
                on bc.seqBasicCourseInfo = oc.seqBasicCourseInfo
```

```
                inner join tblRoom r
```

```
                    on r.seqRoom = oc.seqRoom
```

```
                    order by s.firstregistrationdate asc)a);
```

```
--교육생 전체 리스트 페이징
```

```
select * from vStudentList where num2 between 3 and 5;
```

--교육생 조회 - 교육생행번호(JDBC)

select * from vStudentList where num2 = 2 ;

--교육생 조회 - 교육생번호

select * from vStudentList where seqStudent = 2 ;

--교육생 조회 - 교육생이름

create or replace procedure procStudentList(

 pstudentName varchar2,

 pcursor out sys_refcursor

)

is

begin

 open pcursor for select seqStudent, name, ssn, courseName, startDate, endDate, room

 from vStudentList --뷰

 where name like '%pstudentName%';

end;

-- S002 출결 조회 *****

-- S002-1 특정 교육생의 입실, 퇴실 체크

-- 진행상황 : 입실 & 퇴실 - 진행상황 체크해야함

create or replace procedure procAddAttendance(

 pseqRegCourse number -- 수강번호

)

is

```

vresult date;
vinTime date;
voutTime date;
begin

    procForData(pseqRegCourse, vresult);

    if vresult is null then
        -- 출결데이터가 한번도 찍히지 않음
        insert into tblAttendance (seqtblAttendance, seqRegCourse, Attendancedate,
inTime, outTime, attendState)
            values (seqtblAttendance.nextVal, pseqRegCourse, sysdate, sysdate, null, null);
    else
        -- 출결데이터가 찍힌적이 있음
        update tblAttendance set outTime = sysdate
            where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;

        select
            inTime, outTime into vinTime, voutTime
        from tblAttendance
            where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;

        -- 출결 상태 계산
        if to_char(vinTime, 'hh24:mi:ss') < '09:10:01' and to_char(voutTime, 'hh24:mi:ss') >
'17:50:01' then
            update tblAttendance set attendState = '정상'
                where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;

            elsif to_char(vinTime, 'hh24:mi:ss') between '09:10:00' and '13:59:59'
                and to_char(voutTime, 'hh24:mi:ss') > '17:50:01' then

```

```
        update tblAttendance set attendState = '지각'
        where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;
```

```
    elsif to_char(vinTime, 'hh24:mi:ss') < '09:10:01'
    and to_char(voutTime, 'hh24:mi:ss') between '12:50:01' and '17:50:01' then
        update tblAttendance set attendState = '조퇴'
        where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;
```

```
    else
        update tblAttendance set attendState = '기타'
        where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;
```

```
    end if;
```

```
end if;
end procAddAttendance;
```

```
--
=====
=====
```

```
-- 데이터가 있는지 없는지 확인하는 프로시저
```

```
create or replace procedure procForData(
```

```
    pseqregcourse number,
```

```
    presult out date
```

```
)
```

```
is
```

```
begin
```

```
    select attendancedate into presult from tblAttendance
```

```
        where to_char(attendancedate, 'yyyy-mm-dd') = to_char(sysdate, 'yyyy-mm-dd')
and seqregcourse = pseqregcourse;
```

```
exception
```

```
    when no_data_found then
```

```
        result := NULL;
```

```
end procForData;
```

```
--
```

```
=====
=====
```

```
-- S002-1 특정 교육생의 개설 과정 목록 조회 (=수강이력, 현재 수강중인 강의 포함)
```

```
-- 수강번호, 개설과정번호, 과정명, 과정시작일, 과정종료일, 강의실
```

```
create or replace procedure procSCourseList(
```

```
    pcursor out sys_refcursor,
```

```
    pseqStudent number          -- 입력한 교육생 번호
```

```
)
```

```
is
```

```
begin
```

```
    open pcursor for
```

```
    select
```

```
        seqRegCourse, -- 수강번호
```

```
        oc.seqOpenCourse,
```

```
        bci.name,
```

```
        oc.startDate,
```

```
        oc.endDate,
```

```
        r.name roomName
```

```
from tblRegCourse rc
```

```
    inner join tblOpenCourse oc
```

```
        on rc.seqOpenCourse = oc.seqOpenCourse
```

```

        inner join tblBasicCourseInfo bci
            on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
        inner join tblRoom r
            on r.seqRoom = oc.seqRoom
    where seqStudent = pseqStudent;
end;

```

```

-- S002-2 특정 개설 과정의 특정 월 출결 조회
-- 수강날짜, 입실시간, 퇴실시간, 출결상태

```

```

create or replace procedure procAattListByMonth(
    pcursor out sys_refcursor,
    pseqOpenCourse number,    -- 입력한 개설과정 번호
    pyear varchar2,          -- 입력한 년도 (=조회하고싶은 년도)
    pmonth varchar2          -- 입력한 월 (=조회하고싶은 월)
)
is
begin
    open pcursor for
    select
        to_char(vw.CourseDate, 'yyyy-mm-dd') attendDate, -- 교육생 수강날짜
        to_char(a.inTime, 'hh24:mi:ss') inTime,    -- 입실시간
        to_char(a.outTime, 'hh24:mi:ss') outTime, -- 퇴실시간
        case
            when a.attendState is null and h.name is not null then h.name -- 공휴일
            when to_char(vw.CourseDate, 'd') in (1, 7) then '휴일'
            when a.attendState is null then '결석'
            else a.attendState
        end attendState    -- 출결상태
    from tblRegCourse rc
        inner join tblOpenCourse oc
            on rc.seqOpenCourse = oc.seqOpenCourse
        inner join tblBasicCourseInfo bci

```

```

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
inner join tblStudent s
on rc.seqStudent = s.seqStudent
inner join tblAttendance a
on a.seqRegCourse = rc.seqRegCourse
right outer join (select      -- 개설과정테이블에서 특정
개설과정번호 과정의 (수업시작일 - 종료일)을 가져와 모든 날짜를 출력하는 서브쿼리
(select startDate
from tblOpenCourse where
seqOpenCourse = pseqOpenCourse) + level - 1 as courseDate
from dual
connect by level < (select
to_date((case
when endDate <
sysdate then endDate  -- 수강종료일이 현재날짜보다 이후라면 현재날짜까지만
출력한다.
else sysdate
end), 'yyyy-mm-
dd')
from tblOpenCourse
where seqOpenCourse =
pseqOpenCourse) - (select
to_date(startDate, 'yyyy-mm-dd')
from tblOpenCourse
where seqOpenCourse = pseqOpenCourse) + 2) vw
on to_date(vw.CourseDate, 'yyyy-mm-dd') =
to_date(a.attendanceDate, 'yyyy-mm-dd')
left outer join tblHoliday h
on vw.courseDate = h.regDate
where to_char(vw.courseDate, 'yyyy-mm') = pyear || '-' || pmonth

```

```
order by vw.courseDate;
end;
```

```
-- S002-3 특정 개설 과정의 특정 기간 출결 조회
-- 수강날짜, 입실시간, 퇴실시간, 출결상태
```

```
create or replace procedure procSattPeriodList(
```

```
    pcursor out sys_refcursor,
```

```
    pseqOpenCourse number,    -- 입력한 개설과정 번호
```

```
    pstartDate varchar2,      -- 입력한 특정기간(시작일)
```

```
    pendDate varchar2         -- 입력한 특정기간(종료일)
```

```
)
```

```
is
```

```
begin
```

```
    open pcursor for
```

```
    select
```

```
        to_char(vw.CourseDate, 'yyyy-mm-dd') attendDate, -- 교육생 수강날짜
```

```
        to_char(a.inTime, 'hh24:mi:ss') inTime,    -- 입실시간
```

```
        to_char(a.outTime, 'hh24:mi:ss') outTime, -- 퇴실시간
```

```
    case
```

```
        when a.attendState is null and h.name is not null then h.name -- 공휴일
```

```
        when to_char(vw.CourseDate, 'd') in (1, 7) then '휴일'
```

```
        when a.attendState is null then '결석'
```

```
        else a.attendState
```

```
    end attendState    -- 출결상태
```

```
from tblRegCourse rc
```

```
    inner join tblOpenCourse oc
```

```
        on rc.seqOpenCourse = oc.seqOpenCourse
```

```
    inner join tblBasicCourseInfo bci
```

```
        on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo
```

```
    inner join tblStudent s
```

```
        on rc.seqStudent = s.seqStudent
```



```

inner join tblAttendance a
on a.seqRegCourse = rc.seqRegCourse
right outer join (select      -- 개설과정 테이블에서 특정
개설과정번호 과정의 (수업시작일 - 종료일)을 가져와 모든 날짜를 출력하는 서브쿼리
(select startDate
from tblOpenCourse where
seqOpenCourse = pseqOpenCourse) + level - 1 as courseDate
from dual
connect by level < (select
to_date((case
when endDate <
sysdate then endDate  -- 수강종료일이 현재날짜보다 이후라면 현재날짜까지만
출력한다.
else sysdate
end), 'yyyy-mm-
dd')
from tblOpenCourse
where seqOpenCourse =
pseqOpenCourse) - (select
to_date(startDate, 'yyyy-mm-dd')
from tblOpenCourse
where seqOpenCourse = pseqOpenCourse) + 2) vw
on to_date(vw.CourseDate, 'yyyy-mm-dd') =
to_date(a.attendanceDate, 'yyyy-mm-dd')
left outer join tblHoliday h
on vw.courseDate = h.regDate
where vw.courseDate between pstartDate and pendDate
order by vw.courseDate;
end;

```

```
-- S003 교육생 성적조회
-- 교육생 성적 조회를 위한 View
create or replace View vwStudentTestScore
as

select
    ts.seqTestPercent as testSeq,
    s.seqStudent as stuSeq,
    s.name as studentName,
    s.ssn as studentSsn,
    bci.name as courseName,
    oc.startDate as courseStart,
    oc.endDate as courseEnd,
    os.seqOpenSubject,
    bs.name as subjectName,
    os.startDate as subjectStart,
    os.endDate as subjectEnd,
    t.name as teacherName,
    ts.writtenScore,
    ts.practicalScore,
    ts.attendanceScore,
    tp.writtenPercent,
    tp.practicalPercent,
    tp.attendancePercent,
    rc.studentState,
    r.name as roomName,
    t.seqTeacher as tSeq
```

```

from tblOpenSubject os
  right outer join tblAvailableSubject asj
    on asj.seqAvailableSubject = os.seqAvailableSubject
    right outer join tblTeacher t
      on t.seqTeacher = asj.seqTeacher
      left outer join tblBasicSubject bs
        on bs.seqBasicSubject = asj.seqBasicSubject
        left outer join tblBasicTest bt
          on bt.seqOpenSubject = os.seqOpenSubject
          left outer join tblTestPercent tp
            on tp.seqBasicTest = bt.seqBasicTest
            left outer join tblTestScore ts
              on ts.seqTestPercent = tp.seqTestPercent
              left outer join tblRegCourse rc
                on rc.seqRegCourse = tp.seqRegCourse
                right outer join tblStudent s
                  on s.seqStudent = rc.seqStudent
                  left outer join tblOpenCourse oc
                    on oc.seqOpenCourse =
os.seqOpenCourse

                                left outer join

tblBasicCourseInfo bci

                                on

bci.seqBasicCourseInfo = oc.seqBasicCourseInfo

                                inner join tblRoom r
                                  on r.seqRoom =
oc.seqRoom;

```

```
--C004 강의 및 시설 평가 등록, 수정, 삭제하기
-- 강의 및 시설 평가(교육생)
```

```
-- 수강한 과정명, 과정 기간(시작, 종료), 강의실
select
```

```
    rc.seqRegCourse,
    bc.name as course,
    oc.startDate,
    oc.endDate,
    r.name as room
```

```
from tblRegCourse rc
```

```
    inner join tblOpenCourse oc
```

```
        on rc.seqOpenCourse = oc.seqOpenCourse
```

```
        inner join tblBasicCourseInfo bc
```

```
            on bc.seqBasicCourseInfo = oc.seqBasicCourseInfo
```

```
            inner join tblRoom r
```

```
                on oc.seqRoom = r.seqRoom
```

```
where rc.seqStudent = 1; -- 접속한 교육생 번호 받아오기
```

```
-- 평가 등록
```

```
create or replace procedure procAddEvaluation(
```

```
    pseqRegCourse number, -- 수강정보
```

```
    pprocessScore number, -- 강의계획서 이행점수
```

```
    punderstandScore number, -- 교사의 강의전달 및 이해점수
```

```
    pcommunicationScore number, -- 교사의 소통점수
```

```
    pusefulScore number, -- 강의 유익성 점수
```

```
    psatisfactionScore number, -- 전반적인 만족도
```

```
    pfacilityScore number, -- 시설 만족도
```

```
    pmanagementScore number -- 사후 취업관리 만족도
```

```
)
```

is

begin

insert into tblEvaluation (seqEvaluation, seqRegCourse, processScore, understandScore, communicationScore, usefulScore, satisfactionScore, facilityScore, managementScore)

values (seqEvaluation.nextVal, pseqRegCourse, pprocessScore, punderstandScore, pcommunicationScore, pusefulScore, psatisfactionScore, pfacilityScore, pmanagementScore);

commit;

exception

when others then

rollback;

end;

-- 평가 등록 예

begin

procAddEvaluation(11, 3.5, 4.5, 4, 3, 2.5, 4, 4);

end;

-- 평가 수정

create or replace procedure procUpdateEvaluation(

pseqRegCourse number,

pprocessScore number,

punderstandScore number,

pcommunicationScore number,

pusefulScore number,

psatisfactionScore number,

pfacilityScore number,

```

        pmanagementScore number
    )
is
begin
    update tblEvaluation
        set processScore = pprocessScore,
            understandScore = punderstandScore,
            communicationScore = pcommunicationScore,
            usefulScore = pusefulScore,
            satisfactionScore = psatisfactionScore,
            facilityScore = pfacilityScore,
            managementScore = pmanagementScore
    where seqRegCourse = pseqRegCourse;

```

```

    commit;

```

```

exception
    when others then
        rollback;
end;

```

```

-- 평가 수정 예
begin
    procUpdateEvaluation(11, 3, 4.5, 4, 3.5, 2.5, 4.5, 4);
end;

```

```

-- 평가 삭제
create or replace procedure procDeleteEvaluation(
    pseqRegCourse number
)

```

```

is
begin
    delete from tblEvaluation where seqRegCourse = pseqRegCourse;
    commit;
exception
    when others then
        rollback;
end;

```

```

-- 평가 삭제 예
begin
    procDeleteEvaluation(11);
end;

```

/*C005 교육생 연계기업 채용공고 조회*/

```

--C005 전체 채용공고 조회
select * from vwCompanyInfo; --관리자에서 view만들

```

```

-----C005 2. 소재지별 채용공고 조회,
create or replace procedure procCityCompany(
    paddress vwCompanyInfo.address%type,
    pcursor out sys_refcursor

```

```

)
is
begin
    open pcursor
    for select * from vwcompanyinfo where address like '%' || paddress || '%';

end;

```

-----C005 3. 업무별 채용공고 조회,

```

create or replace procedure procFieldCompany(
    pcomField vwCompanyInfo.comField%type,
    pcursor out sys_refcursor
)
is
begin
    open pcursor
    for select * from vwCompanyInfo where comField like '%' || pcomField || '%';
end;

```

-----C005 4. 연봉별 채용공고 조회,

```

create or replace procedure procSalaryCompany(
    psalary in vwCompanyInfo.salary%type, ---첫번째 입력값 ex)200000000이상
    psalary2 in vwCompanyInfo.salary%type, -- 두번째 입력값 ex)300000000미만
    pcursor out sys_refcursor
)
is
begin
    open pcursor
    for select * from vwcompanyinfo where salary >=psalary and salary <psalary2;
end;

```


/*C006 교육생 수료자 취업현황조회*/

-----C006 수료자 취업현황 전체조회

create view vwGetJobInfo

as

select

gj.seqgetjobinfo as gjseq, --취업정보번호
substr(s.name,1,1) || '**' as name, --- 이름 (이름은 ** 로 표시한다.)
s.id as id, --학생아이디
gj.name as companyname, --회사명
gj.duty as duty, --업무
gj.form as form, --채용형태
gj.salary as salary, --연봉
to_char(gj.getjobdate,'yyyy-mm-dd') as getjobdate, --취업일
gj.location as location, --회사주소
rc.seqregcourse as rcseq, --과정번호
bc.name as course --수료한과정명

from tblGetJobInfo gj

inner join tblRegCourse rc

on gj.seqregcourse = rc.seqregcourse

inner join tblStudent s

on rc.seqstudent =s.seqstudent

inner join tblOpenCourse oc

on rc.seqopencourse = oc.seqopencourse

inner join tblBasicCourseinfo bc

on oc.seqbasiccourseinfo = bc.seqbasiccourseinfo

order by gj.getjobdate desc;

-----C006 1. 소재지별 수료자취업정보조회

create or replace procedure procCityGetJob(

```

        plocation vwgetjobinfo.location%type,
        pcursor out sys_refcursor
    )
is
begin
    open pcursor
        for select * from vwgetjobinfo where location like '%' || plocation || '%';
end;

```

-----C006 2. 업무별 수료자 취업정보 조회

```

create or replace procedure procDutyGetJob(
    pduty vwgetjobinfo.duty%type,
    pcursor out sys_refcursor
)
is
begin
    open pcursor
        for select * from vwgetjobinfo where duty like '%' || pduty || '%';
end;

```

-----C006 3. 연봉별 수료자 취업정보 조회

```

create or replace procedure procSalaryGetJob(
    psalary vwgetjobinfo.salary%type,
    psalary2 vwgetjobinfo.salary%type,
    pcursor out sys_refcursor
)
is

```

```

begin
    open pcursor
    for select * from vwgetjobinfo where salary >= psalary and salary < psalary2;
end;

```

-----C006 4.수료자 연계기업취업현황 조회

```

create view vwSAllEmpStatus
as
select
    es.seqempstatus as seq,    ----번호
    substr(s.name,1,1)|| '**' as name,    --이름 (이름은 ** 로 표시한다.)
    s.id as id,                --수료생아이디
    gj.name as companyname,    --회사명
    gj.duty as duty,           --업무
    gj.form as form,           --채용형태
    gj.salary as salary,       --연봉
    to_char(gj.getjobdate,'yyyy-mm-dd') as getjobdate,    --취업일
    gj.location as location,    --회사주소
    bc.name as course          --수료한과정명
    from tblEmpStatus es
    inner join tblcompanyinfo ci
        on es.seqcompanyinfo = ci.seqcompanyinfo
        inner join tblgetjobinfo gj
            on es.seqgetjobinfo = gj.seqgetjobinfo
            inner join tblregcourse rc
                on es.seqregcourse = rc.seqregcourse
                inner join tblstudent s
                    on rc.seqstudent = s.seqstudent
                    inner join tblopencourse oc
                        on rc.seqopencourse = oc.seqopencourse
                        inner join tblbasiccourseinfo bc
                            on oc.seqbasiccourseinfo = bc.seqbasiccourseinfo
order by gj.getjobdate desc;

```

commit;