

데이터 쿼리문(ANSI-SQL)

요구사항	D-02	작성일	2022-05-17
요구사항명	교육생-교육생 성적 조회	작성자	황혜연, 백재민

DML

-- 1. 타이틀 화면(황혜연)

select

m.m_name as 이름 ,
m.m_password as 비밀번호,
m.m_tel as 전화번호,
m.m_registdate as 등록일자,
cn.course_name as 과정번호,
c.c_start_date || ' ~ ' || c.c_end_date as 과정기간 ,
r.room_name as 강의실,
t.t_name as 강사명

from tblMember m

inner join tblSugang s on m.member_seq = s.member_seq
inner join tblCourse c on s.course_seq = c.course_seq
inner join tblRoom r on c.room_seq = r.room_seq
inner join tblCourseName cn on c.cname_seq = cn.cname_seq
inner join tblTeacher t on c.teacher_seq = t.teacher_seq
where s.sugang_seq = 180(수강생번호);

-- 2. 성적 정보 조회(백재민)

```
select
  cs.csub_seq as "과목번호",
  sn.subname as "과목명",
  cs.csstart_date as "과목시작일",
  cs.csend_date as "과목종료일",
  t.t_name as "교사명",
  sp.attend_point as "출결 배점",
  sp.pilgi_point as "필기 배점",
  sp.silgi_point as "실기 배점",
  s.attend_score as "출결 점수",
  s.pilgi_score as "필기 점수",
  s.silgi_score as "실기 점수",
  td.test_date as "과목 시험일",
  tn.test as "시험 문제"
from tblCsub cs
  left outer join tblScore s
    on cs.csub_seq = s.csub_seq
    left outer join tblsubtpoint sp
      on cs.csub_seq = sp.csub_seq
      left outer join tblTestDate td
        on cs.csub_seq = td.csub_seq
        left outer join tblTest test
          on td.testnum_seq = test.testnum_seq
          left outer join tblTestName tn
            on test.testname_seq = tn.testname_seq
            left outer join tblSubjectName sn
              on cs.subname_seq = sn.subname_seq
```

```

left outer join tblCourse c
on cs.course_seq = c.course_seq
left outer join tblTeacher t
on c.teacher_seq = t.teacher_seq
where cs.csub_seq = 170;
-- 과목의 시험 성적이 입력이 완료 된 후에는 where cs.csub_seq = 170 and s.sugang_seq = 270;

```

을 이용해야한다.

-- 2. 성적 정보 조회(교재)

```

select
    sn.subname,
    txt.name as 교재명,
    txt.author as 작가,
    pb.name as 출판사

from tblSugang s
    inner join tblCourse c
        on s.course_seq = c.course_seq
    inner join tblCsub cs on c.course_seq = cs.course_seq
        inner join tblSubjectName sn on cs.subname_seq = sn.subname_seq
            inner join tblsubjecttxt stx on sn.subname_seq = stx.subname_seq
                inner join tblTextBook txt on stx.txtbook_seq = txt.txtbook_seq
                    inner join tblPublisher pb on txt.publisher_seq = pb.publisher_seq
where s.sugang_seq = 183 and cs.csend_date < (select max(a.attend_date) from tblAttendance a where a.sugang_seq = 183) order by cs.csub_seq;

```

요구사항명	교육생-출결 관리 및 출결 조회	작성자	황혜연
DML			
<pre>-- 1. 매일 근태 관리 기록 가능 [출석 시] insert into tblAttendance(attendance_seq, attend_date, in_time, out_time, attendance_type, sugang_seq) values ((select max(attendance_seq) from tblAttendance) + 1, sysdate, to_date(sysdate , 'yyyy-mm-dd hh24:mi:ss'), to_date(sysdate , 'yyyy-mm-dd hh24:mi:ss'), '결석', 183(출석학생 수강번호)); [퇴실 시 (9시 10분 이전 출결한 경우)] update tblAttendance set out_time = to_date(sysdate , 'yyyy-mm-dd hh24:mi:ss'), attendance_type = '정상'</pre>			

```
where to_char(attend_date, 'yyyy/mm/dd') = to_char(sysdate, 'yyyy/mm/dd') and sugang_seq = 183;
```

[퇴실할 때 (입실시간이 9시 10분 이후일 경우)]

```
update tblAttendance
```

```
set
```

```
out_time = to_date(sysdate , 'yyyy-mm-dd hh24:mi:ss'),
```

```
attendance_type = '지각'
```

```
where to_char(attend_date, 'yyyy/mm/dd') = to_char(sysdate, 'yyyy/mm/dd') and sugang_seq = 수강번호;
```

[지각, 결석 벌점이 15점 이상일 경우]

```
update tblAttendance
```

```
set
```

```
out_time = to_date(sysdate , 'yyyy-mm-dd hh24:mi:ss'),
```

```
attendance_type = '지각'
```

```
where attendance_seq = (select max(attendance_seq) from tblAttendance);
```

-- 2. 본인 출결 현황 조회

-- 날짜별 조회

```
select attend_date, attendance_type from tblAttendance where sugang_seq = 182 and attend_date = TO_DATE('2022-03-01' , 'yyyy/mm/dd');
```

-- 월별 조회

```
select attend_date, attendance_type from tblAttendance where sugang_seq = 180 and to_char(attend_date, 'mm') = '03';
```

-- 연도별 조회

```
select attend_date, attendance_type from tblAttendance where sugang_seq = 180 and to_char(attend_date, 'YYYY') = '2022';
```

요구사항	D-04	작성일	2022-05-17
요구사항명	교육생-교사 추천도서 조회	작성자	백재민

DML

-- 1. 교사이름 입력하면 추천도서 조회 가능

```
select
    tr.rec_name, -- 책제목,
    p.name, -- 출판사,
    tr.book_date, -- 등록일,
    t.t_name, -- 교사명,
    sn.subname -- 과목명
from tblTeachRec tr
    inner join tblTeacher t
        on tr.teacher_seq = t.teacher_seq
    inner join tblPublisher p
        on tr.publisher_seq = p.publisher_seq
    inner join tblCourse c
        on t.teacher_seq = c.teacher_seq
    inner join tblCourseName cn
        on c.cname_seq = cn.cname_seq
    inner join tblSubjectName sn
        on tr.subname_seq = sn.subname_seq
where t.t_name = '교사명'
```

```
order by cn.course_neme, sn.subname;
```

-- 2. 과목별로 추천도서 조회하기

```
select
```

```
    tr.rec_name, -- 책제목,
```

```
    p.name, -- 출판사,
```

```
    tr.book_date, -- 등록일,
```

```
    t.t_name, -- 교사명,
```

```
    sn.subname -- 과목명
```

```
from tblTeachRec tr
```

```
    inner join tblTeacher t
```

```
        on tr.teacher_seq = t.teacher_seq
```

```
        inner join tblPublisher p
```

```
            on tr.publisher_seq = p.publisher_seq
```

```
            inner join tblCourse c
```

```
                on t.teacher_seq = c.teacher_seq
```

```
                inner join tblCourseName cn
```

```
                    on c.cname_seq = cn.cname_seq
```

```
                    inner join tblSubjectName sn
```

```
                        on tr.subname_seq = sn.subname_seq
```

```
                        where sn.subname = '교사명'
```

```
                        order by cn.course_neme, sn.subname;
```

요구사항	D-05	작성일	2022-05-17
요구사항명	교육생-교육생 훈련비 조회	작성자	황혜연
DML			

```

select

    to_char(attend_date, 'mm'),
    count(case when attendance_type = '정상' then 1 end),
    count(case when attendance_type = '지각' then 1 end),
    count(case when attendance_type = '결석' then 1 end),
    count(case when attendance_type = '조퇴' then 1 end),
    count(case when attendance_type = '병가' then 1 end),
    count(case when attendance_type = '기타' then 1 end)

from tblAttendance where sugang_seq = '수강번호' group by to_char(attend_date, 'mm') order by to_char(attend_date, 'mm');

```

요구사항	D-06	작성일	2022-05-17
요구사항명	교육생-과목상담	작성자	황혜연

DML

```

-- 1. 상담 신청하기
-- 수강중인 학생이 과목을 선택한 후 상담내용을 작성한다.

insert into tblConsult (consult_seq, consult_txt, csub_seq, sugang_seq)
values((select max(consult_seq)+1 from tblConsult), '새로운상담내용'
, (select
    cs.csub_seq --과목과정번호
from tblCourse c
    inner join tblSugang s on c.course_seq = s.course_seq
    inner join tblCSub cs on c.course_seq = cs.course_seq
    inner join tblSubjectName sn on cs.subname_seq = sn.subname_seq
where s.sugang_seq = 180 and sn.subname = 'Java')

```



```
, 180);
```

--2. 본인상담 내역조회

```
select
```

```
    sj.subname as 과목,  
    c.consult_txt as 질문,  
    a.answer_txt as 답변,  
    t.t_name as 강사명
```

```
from tblConsult c
```

```
    left outer join tblAnswer a on c.consult_seq = a.consult_seq  
    left outer join tblCSub cs on c.csub_seq = cs.csub_seq  
    left outer join tblSubjectName sj on cs.subname_seq = sj.subname_seq  
    left outer join tblTeacher t on a.teacher_seq = t.teacher_seq  
    left outer join tblAnswer a on c.consult_seq = a.consult_seq  
    where c.sugang_seq = 180; --번호 입력
```

-- 3. 과목상담내역조회

```
select
```

```
    sj.subname as 과목,  
    cn.course_neme as 과정,  
    c.consult_txt as 질문,  
    a.answer_txt as 답변,  
    t.t_name as 강사명
```

```
from tblConsult c
```

```

left outer join tblAnswer a on c.consult_seq = a.consult_seq
left outer join tblCSub cs on c.csub_seq = cs.csub_seq
left outer join tblSubjectName sj on cs.subname_seq = sj.subname_seq
left outer join tblTeacher t on a.teacher_seq = t.teacher_seq
left outer join tblAnswer a on c.consult_seq = a.consult_seq
left outer join tblCourse c on cs.course_seq = c.course_seq
left outer join tblCourseName cn on c.cname_seq = cn.cname_seq
where sj.subname = 'Java'; --본인이 수강하고 있는 과정 내 과목명 입력

```

요구사항	D-07	작성일	2022-05-17
요구사항명	교육생-수료 교육생 취업 활동	작성자	박채은
DML			
<pre> -- 전체 학생 취업활동 조회 select m.m_name as 수료생명, s.complete_date as 수료일, cn.course_neme as 개설과정명, j.jobact_date as 취업활동내역 from tblsugang s inner join tblmember m on s.member_seq = m.member_seq inner join tblcourse c on s.course_seq = c.course_seq inner join tblcoursename cn on c.cname_seq = cn.cname_seq inner join tbljobact j </pre>			

```

on s.sugang_seq = j.sugang_seq;

-- 본인 학생 취업활동 조회
select
    m.m_name as 수료생명,
    s.complete_date as 수료일,
    cn.course_neme as 개설과정명,
    j.jobact_date as 취업활동내역
from tblsugang s
    inner join tblmember m
        on s.member_seq = m.member_seq
    inner join tblcourse c
        on s.course_seq = c.course_seq
    inner join tblcoursename cn
        on c.cname_seq = cn.cname_seq
    inner join tbljobact j
        on s.sugang_seq = j.sugang_seq
    where s.sugang_seq = 1;

-- 취업활동내역 입력/수정
update tbljobact set jobact_date = '자기소개서' where sugang_seq = 1;

```

요구사항	D-08	작성일	2022-05-17
요구사항명	교육생-협력 기업 조회	작성자	박채은
DML			

```
-- 협력기업조회
```

```
select
```

```
    ent_name as 기업명,
```

```
    ent_people as 구인인원,
```

```
    ent_type as 구인형태,
```

```
    ent_sector as 업종,
```

```
    ent_recuit as 모집부분
```

```
from tblenterprise;
```