**데이터 쿼리문(ANSI-SQL)**

| 요구사항번호 | C07 | 작성일 | 2022-05-19 |
| --- | --- | --- | --- |
| 요구사항명 | 과제 등록 및 제출 현황 조회 | 작성자 | 주혜원 |
| DML | | | |
| **--과제 등록하기**  create or replace view task\_list\_V(인서트확인용 뷰)  as  select\*from task\_list;  create or replace procedure add\_assgin\_P(  psubject in varchar2,  passgin in varchar2,  deadline in date  )  is  begin  insert into task\_list(seq,open\_curs\_seq,open\_subject\_seq,task\_description,summit\_limit) values  ((select max(seq) + 1 from task\_list),12, psubject, passgin,deadline); --테이블에 원하는 값 넣기    exception  when others then  dbms\_output.put\_line('---------------------------------------------------------------------------------------');  dbms\_output.put\_line(' 잘못 입력하였습니다.');  dbms\_output.put\_line('---------------------------------------------------------------------------------------');  end;  begin  add\_assgin\_P(1, '자바 열심히해라', '2022-01-01'); --원하는 과목명,과제,제출기한 입력하기  end; | | | |

| 요구사항번호 | D01 | 작성일 | 2022-05-19 |
| --- | --- | --- | --- |
| 요구사항명 | 교육생 계정 | 작성자 | 주혜원 |
| DML | | | |
| **-로그인 된 교육생 계정 출력(기본정보)**  **--교육생 계정으로 로그인 후 본인의 개인정보와 본인이 수강한 과정명, 과정기간(시작 년월일, 끝 년월일), 강의실 출력**  create or replace procedure student\_info\_P(  ppw in member.ssn%type  )  is  vstudentNum student.seq%type;  vstudentName member.name%type;  vtel member.tel%type;  vcursName curriculum.name%type;  vcurTerm open\_curs.current\_term%type;  vcursStart open\_curs.begin\_date%type;  vcursFinish open\_curs.end\_date%type;  vlectureRoom lectureroom.room\_name%type;  cursor vcursor is select  s.seq as "교육생번호",  m.name as "이름",  m.tel as "전화번호",  c.name as"과정이름",  o.current\_term as "과정기간",  o.begin\_date as "과정시작일",  o.end\_date as "과정종료일",  l.room\_name as "강의실"  from student s  inner join member m on m.seq = s.member\_seq  inner join open\_curs o on o.seq = s.open\_curs\_seq  inner join curriculum c on c.seq = o.curs\_seq  inner join lectureroom l on l.seq = o.room\_seq  where m.ssn = (select ssn from member where ssn = ppw);      begin  open vcursor;  loop  fetch vcursor into vstudentNum, vstudentName, vtel, vcursName, vcurTerm, vcursStart, vcursFinish,vlectureRoom;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('교육생번호 : ' || vstudentNum|| '이름 : ' || vstudentName || '전화번호 : ' ||vtel|| '과정이름: ' || vcursName|| '강의실: ' ||vlectureRoom );  dbms\_output.put\_line('과정기간 : ' ||vcurTerm|| '과정시작일 : ' ||vcursStart|| '과정종료일 : ' ||vcursFinish );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;      exception --3 아이디와 비밀번호가 일치하지 않다면 예외처리  when others then  dbms\_output.put\_line(' 일치하는 정보가 없습니다. 비밀번호를 다시 확인하세요!');  dbms\_output.put\_line('');  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end;  begin  student\_info\_P('4256385');  end; | | | |

| 요구사항 명 | D-02 | 작성일 | 2022-05-19 |
| --- | --- | --- | --- |
| System | 성적 조회 | 작성자 | 주혜원 |
| Query | | | |
| **1.제목출력(D-01) 쿼리와 같음**  **2.학생번호,과목번호, 과목명, 과목기간, 교재명, 교사명, 과목별 배점 정보(출결,필기,실기 배점), 과목별 성적정보(출결,필기,실기 점수)**  select\*from student\_score\_V--뷰  create or replace procedure student\_score\_P(  ppw in member.ssn%type  )  is  vstudentNum student.seq%type;  vsubjectNum subject.seq%type;  vjumin member.ssn%type;  vsubjectName subject.subject\_name%type;  vsubjectTerm subject.seq%type;  vbookName book.subject%type;  vteacherName teacher.name%type;  vattendPoint point.attend\_point%type;  vwrittenPoint point.written\_point%type;  vskillPoint point.skill\_point%type;  vattendScore subject\_score.written\_score%type;  vwrittenScore subject\_score.skill\_score%type;  vskillScore subject\_score.attendance\_score%type;  cursor vcursor is (select\*from student\_score\_V where 주민번호 = (select ssn from member where ssn =4256385 ));      begin  open vcursor;  loop  fetch vcursor into vstudentNum, vsubjectNum , vjumin, vsubjectName, vsubjectTerm , vbookName , vteacherName , vattendPoint , vwrittenPoint ,vskillPoint , vattendScore, vwrittenScore ,vskillScore;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('교육생번호 : ' || vstudentNum || ' 과목 이름 : ' || vsubjectName || ' 과목기간 : ' ||vsubjectTerm|| ' 교재이름: ' || vbookName || ' 교사명: ' || vteacherName );  dbms\_output.put\_line('출석배점 : ' || vattendPoint|| '필기배점 : ' ||vwrittenPoint|| '실기배점 : ' ||vskillPoint );  dbms\_output.put\_line('출석점수 : ' || vattendScore|| '필기점수 : ' || vwrittenScore|| '실기점수 : ' ||vskillScore );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;      exception --3 아이디와 비밀번호가 일치하지 않다면 예외처리  when others then  dbms\_output.put\_line(' 일치하는 정보가 없습니다. 비밀번호를 다시 확인하세요!');  dbms\_output.put\_line('');  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end;  begin  student\_score\_P('4256385');  end;  **--필기시험 목록 조회**  create or replace procedure written\_test\_P( ----원하는 과목명 입력  psubject in written\_test.open\_subject\_seq%type  )  is  vsubjectNum written\_test.open\_subject\_seq%type; --과목번호  vsubjectName subject.subject\_name%type; --과목이름  vsubjectTerm subject.seq%type; --과목기간  vwrittenNum written\_test.seq%type; --필기시험번호  vwrittenName written\_test.written\_name%type; --필기시험이름  vwrittenQuestion written\_test\_question.written\_test\_question%type; --필기시험 문제    cursor vcursor is  select  wt.open\_subject\_seq as "과목번호",  s.subject\_name as "과목이름",  os.end\_date - os.begin\_date as "과목기간",  wt.seq as "필기시험번호",  wt.written\_name as "필기시험 이름",  q.written\_test\_question as "필기시험문제"  from written\_test wt  inner join written\_test\_question q on wt.seq = q.written\_test\_seq  inner join open\_subject os on os.seq = wt.open\_subject\_seq  inner join subject s on s.seq = os.subject\_seq  where wt.open\_subject\_seq= psubject;          begin---------2  open vcursor;  LOOP  fetch vcursor into vsubjectNum, vsubjectName , vsubjectTerm, vwrittenNum, vwrittenName , vwrittenQuestion ;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('과목번호 : ' || vsubjectNum || ' 과목 이름 : ' || vsubjectName || ' 과목기간(일) : ' ||vsubjectTerm );  dbms\_output.put\_line('필기시험번호 : ' || vwrittenNum|| '필기시험 이름 : ' ||vwrittenName );  dbms\_output.put\_line('필기시험문제 : ' || vwrittenQuestion );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;        exception ----------3  when others then  dbms\_output.put\_line(' 권한이 없습니다. 로그인 정보를 다시 확인하세요');  dbms\_output.put\_line('');  dbms\_output.put\_line(' —--------------------------------------------------------------------');      end; ------------------4  begin  written\_test\_P(57); --필기시험 과목 번호 입력  end;  **-- 실기시험 목록 조회**  create or replace procedure skill\_test\_P( ----원하는 과목명 입력  psubject in skill\_test.open\_subject\_seq%type  )  is  vsubjectNum skill\_test.open\_subject\_seq%type; --과목번호  vsubjectName subject.subject\_name%type; --과목이름  vsubjectTerm subject.seq%type; --과목기간  vskillNum skill\_test.seq%type; --실기시험번호  vskillName skill\_test.skill\_name%type; --실기시험이름  vskillQuestion skill\_test\_question.skill\_test\_question%type; --실기시험 문제      cursor vcursor is  select  st.open\_subject\_seq as "과목번호",  s.subject\_name as "과목이름",  os.end\_date - os.begin\_date as "과목기간",  st.seq as "실기시험번호",  st.skill\_name as "실기시험 이름",  q.skill\_test\_question as "실기시험문제"  from skill\_test st  inner join skill\_test\_question q on st.seq = q.skill\_test\_seq  inner join open\_subject os on os.seq = st.open\_subject\_seq  inner join subject s on s.seq = os.subject\_seq  where st.open\_subject\_seq= psubject;      begin---------2  open vcursor;  LOOP  fetch vcursor into vsubjectNum, vsubjectName , vsubjectTerm, vskillNum, vskillName , vskillQuestion ;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('과목번호 : ' || vsubjectNum || ' 과목 이름 : ' || vsubjectName || ' 과목기간(일) : ' ||vsubjectTerm );  dbms\_output.put\_line('필기시험번호 : ' || vskillNum|| '필기시험 이름 : ' ||vskillName );  dbms\_output.put\_line('필기시험문제 : ' || vskillQuestion );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;      exception ----------3  when others then  dbms\_output.put\_line(' 권한이 없습니다. 로그인 정보를 다시 확인하세요');  dbms\_output.put\_line('');  dbms\_output.put\_line(' —-----------------------------------------------------------------------------');  end;  begin  skill\_test\_P(57); --실기시험 과목 번호 입력  end; | | | |

| 요구사항 명 | D-03 | 작성일 | 2022-05-19 |
| --- | --- | --- | --- |
| System | 출결 관리 및 출결 조회 | 작성자 | 주혜원 |
| Query | | | |
| **--출결사항 조회하기**  create or replace procedure attendance\_check\_P(    pseq in number, --학생번호  popenCurs in number, --특정개설과정번호  pdateStart in Date, --과정시작날짜  pdateEnd in Date --끝날짜  )  is  vstudentNum student.seq%type; --학생번호  출석일수 student.seq%type; --출석일수  정상일수 student.seq%type; --정상일수  지각일수 student.seq%type; --지각일수  조퇴일수 student.seq%type; --조퇴일수  지각조퇴 student.seq%type; --지각 및 조퇴일수  외출 student.seq%type; --외출일수  결석 student.seq%type; --결석일수  병가 student.seq%type; --병가일수  기타 student.seq%type; --기타일수  cursor vcursor is  select  "학생번호",  count(decode("출석", '출석', 1)) as "출석일수",  count(decode("지각조퇴", '출석..', 1)) as "정상일수",  count(decode("지각조퇴", '출석지각.', 1)) as "지각일수",  count(decode("지각조퇴", '출석.조퇴', 1)) as "조퇴일수",  count(decode("지각조퇴", '출석지각조퇴', 1)) as "지각 및 조퇴일수",  count(decode("지각조퇴", '외출', 1)) as "외출일수",  count(decode("지각조퇴", '결석', 1)) as "결석일수",  count(decode("출석", '병가', 1)) as "병가일수",  count(decode("출석", '기타', 1)) as "기타일수"  from  (select i.\*,  출석||지각||조퇴 as "지각조퇴"  from attendance\_info i where "학생번호" in (select seq from student where open\_curs\_seq = popenCurs )  and "날짜" between pdateStart and pdateEnd)  where "학생번호"=pseq  group by "학생번호";        begin  open vcursor;  loop  fetch vcursor into vstudentNum, 출석일수, 정상일수, 지각일수, 조퇴일수, 지각조퇴 ,외출,결석,병가,기타;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('교육생번호| ' ||vstudentNum|| ' 출석일수| ' ||출석일수|| ' 정상일수| ' ||정상일수|| ' 지각일수| ' ||지각일수 );  dbms\_output.put\_line('지각조퇴 | ' ||지각조퇴|| ' 외출일수| ' ||외출|| ' 결석일수| ' ||결석|| ' 조퇴일수| ' ||조퇴일수 );  dbms\_output.put\_line('병가일수 | ' ||병가|| ' 기타일수| ' ||기타 );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;      exception --3 아이디와 비밀번호가 일치하지 않다면 예외처리  when others then  dbms\_output.put\_line(' 일치하는 정보가 없습니다. 비밀번호를 다시 확인하세요!');  dbms\_output.put\_line('');  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end;--실행  begin  attendance\_check\_P(11, 11, '2022-02-02','2022-03-03');  end; | | | |

| 요구사항 명 | D-04 | 작성일 | 2022-05-19 |
| --- | --- | --- | --- |
| System | 상담일지조회 | 작성자 | 주혜원 |
| Query | | | |
| **–상담일지조회**  **–학생이름,상담날짜,상담주제,교사명**  create or replace procedure counsel\_check\_P(  ppw in member.ssn%type  )  is  vstudentName member.name%type; --학생이름  vcounselDate counsel.counsel\_date%type; --상담날짜  vcounselTopic counsel\_topic.counsel\_topic%type; --상담 주제  vteacherName teacher.name%type; --교사명  cursor vcursor is  select  m.name as 이름,  c.counsel\_date as 상담날짜,  t.counsel\_topic as 상담주제,  t.name as 교사명  from counsel c  inner join counsel\_topic t on t.seq = c.counsel\_topic\_seq  inner join student s on s.seq = c.student\_seq  inner join member m on m.seq = s.member\_seq  inner join teacher t on t.seq = c.teacher\_seq  where m.ssn = (select ssn from member where ssn = ppw);      begin  open vcursor;  loop  fetch vcursor into vstudentName, vcounselDate, vcounselTopic , vteacherName;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('교육생이름 : ' || vstudentName|| ' 상담날짜 : ' || vcounselDate || ' 상담주제 : ' ||vcounselTopic|| ' 교사명: ' || vteacherName );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;      exception --3 아이디와 비밀번호가 일치하지 않다면 예외처리  when others then  dbms\_output.put\_line(' 일치하는 정보가 없습니다. 비밀번호를 다시 확인하세요!');  dbms\_output.put\_line('');  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end;  begin  counsel\_check\_P(2660833);  end; | | | |