***LAB 6 BOGDAN TATU***

*-- A*

select STUDENT.NAME, STUDENT.SURNAME, STUDENT.DEPARTMENT

    from STUDENT

    inner join SIGNUP

    on STUDENT.ID = SIGNUP.STUDENT\_ID

    where extract(year from SIGNUP.YEAR) = '2021'

*-- B*

select STUDENT.NAME, STUDENT.SURNAME, STUDENT.DEPARTMENT

    from STUDENT

    where STUDENT.ID in (

        select SIGNUP.STUDENT\_ID

        from SIGNUP

        where extract(year from SIGNUP.YEAR) = '2021'

    )

*-- C*

select distinct COURSE.\*

    from COURSE

    inner join SIGNUP

    on COURSE.ID = SIGNUP.COURSE\_ID

*-- D*

select distinct COURSE.\*

    from COURSE

    where COURSE.ID in (

        select SIGNUP.COURSE\_ID

        from SIGNUP

        where extract(year from SIGNUP.YEAR) = extract(year from sysdate)

    )

*-- E*

select STUDENT.ID, STUDENT.NAME, STUDENT.SURNAME

    from STUDENT

    where STUDENT.ID in (

        select GRADE.STUDENT\_ID

        from GRADE

        where GRADE.VALUE = 10 and (GRADE.ELP = 'L' or GRADE.ELP = 'P')

    )

*-- F*

select COURSE.\*

    from COURSE

    where COURSE.TEACHER\_ID in (

        select TEACHER.ID

        from TEACHER

        inner join DEPARTMENT

        on TEACHER.DEPARTMENT = DEPARTMENT.ID

        where DEPARTMENT.FACULTY = 'AC'

    )

*-- G*

create table TEMP as

select STUDENT.NAME as STUDENT\_NAME, STUDENT.ID as STUDENT\_ID, COURSE.NAME as COURSE\_NAME, TEACHER.NAME as TEACHER\_NAME, SIGNUP.YEAR as SIGNUP\_YEAR, GRADE.ELP as GRADE\_ELP, GRADE.VALUE as GRADE\_VALUE

    from STUDENT

    inner join SIGNUP

    on STUDENT.ID = SIGNUP.STUDENT\_ID

    inner join COURSE

    on SIGNUP.COURSE\_ID = COURSE.ID

    inner join TEACHER

    on COURSE.TEACHER\_ID = TEACHER.ID

    left join GRADE

    on STUDENT.ID = GRADE.STUDENT\_ID

*-- H*

select STUDENT.ID as STUDENT\_ID, STUDENT.NAME as STUDENT\_NAME, STUDENT.SURNAME as STUDENT\_SURNAME, DEPARTMENT.NAME as DEPARTMENT\_NAME, COURSE.NAME as COURSE\_NAME, GRADE.ELP, GRADE.VALUE

    from STUDENT

    inner join DEPARTMENT

    on STUDENT.DEPARTMENT = DEPARTMENT.ID

    inner join SIGNUP

    on STUDENT.ID = SIGNUP.STUDENT\_ID

    inner join COURSE

    on SIGNUP.COURSE\_ID = COURSE.ID

    inner join TEACHER

    on COURSE.TEACHER\_ID = TEACHER.ID

    inner join GRADE

    on STUDENT.ID = GRADE.STUDENT\_ID

    where GRADE.VALUE >= 9