SQL Queries Examples

- Find the number of different ages for the students
  - select count(distinct sage)
    from student
- Find the number of students for each age group, ordered by age
  - select sage, count(sage)
    from student group by sage
    order by sage
- Find the number of students for each age group, ordered by age, but only return age groups with two or more student
  - select sage, count(sage)
    from student
    group by sage
    having count(sage) >= 2
    order by sage
- Find the id, sname and slastname for all students who took a course with professor with professor 1 (use subqueries) :
  - select sid, sfname, slname
    from student natural inner join takes
    where secid in
    (select secid   from Teaches where pid = 1)
- Find the id, name, lastname, and age for all students whose age is greate or equal than the average age of student.
  - select sid, sfname, slname, sage
    from student
    where sage >=
                   (select avg(sage)   from student)
- Find the oldest student in the university
  - select *
    from student
    where sage = (select max(sage)   from student)