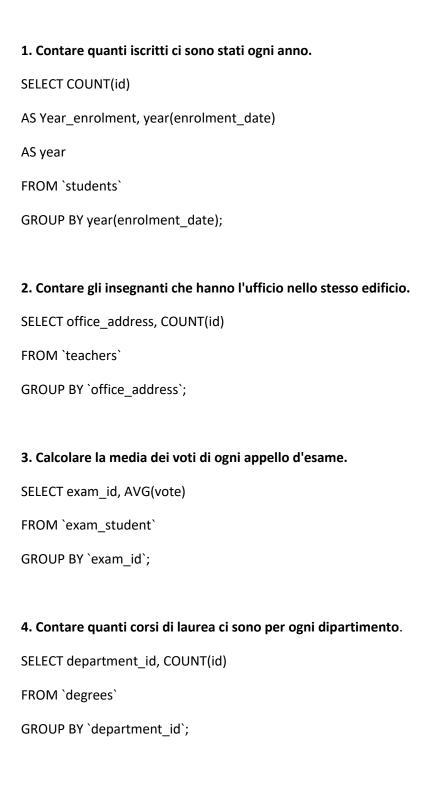
GROUP BY



1. Selezionare tutti gli studenti iscritti al Corso di Laurea in Economia.

SELECT students.degree_id, students.name, students.surname, degrees.name FROM `students`

INNER JOIN `degrees` ON students.degree_id = degrees.id

WHERE degrees.name = "Corso di Laurea in Economia";

2. Selezionare tutti i Corsi di Laurea del Dipartimento di Neuroscienze.

SELECT degrees.department_id, degrees.name, departments.name

FROM 'degrees'

INNER JOIN 'departments' ON degrees.department_id = departments.id

WHERE departments.name = "Dipartimento di Neuroscienze";

3. Selezionare tutti i corsi in cui insegna Fulvio Amato. (id=44).

SELECT course_id AS "Fulvio Amato's Course"

FROM 'teachers'

INNER JOIN 'course_teacher' ON teachers.id = course_teacher.teacher_id

WHERE id = 44;

4. Selezionare tutti gli studenti con relativo corso di laurea e relativo dipartimento,

in ordine alfabetico per cognome e nome.

SELECT *

FROM 'students'

INNER JOIN 'degrees' ON students.degree_id = degrees.id

INNER JOIN `departments` ON departments.id = degrees.department_id
ORDER BY (students.surname) ASC, (students.name) ASC;

5. Selezionare tutti i corsi di laurea con i relativi corsi e insegnanti.

 ${\tt SELECT\ degrees.name,\ courses.name,\ teachers.name}$

FROM 'degrees'

INNER JOIN 'courses' ON degrees.id = courses.degree_id

INNER JOIN `course_teacher` ON courses.id = course_teacher.teacher_id

INNER JOIN `teachers` ON course_teacher.teacher_id = teachers.id;

6. Selezionare tutti i docenti che insegnano nel Dipartimento di Matematica (54).

SELECT DISTINCT teachers.name, teachers.surname, departments.name

FROM 'teachers'

INNER JOIN `course_teacher` ON course_teacher.teacher_id = teachers.id

INNER JOIN `courses` ON course_teacher.course_id = courses.id

INNER JOIN 'degrees' ON courses.degree_id = degrees.id

INNER JOIN `departments` ON degrees.department_id = departments.id

WHERE departments.name = "Dipartimento di Matematica";