Nuove query 20/06/2024

GROUP BY

N1 [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) YEAR(enrolment\_date) AS enrolment\_year, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(\*) AS year\_students FROM students GROUP BY YEAR(enrolment\_date);

N2 [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) office\_address, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(\*) AS teachers\_x\_building FROM teachers GROUP BY office\_address;\

N3

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) student\_id, [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg)(vote) AS media FROM `exam\_student` GROUP BY student\_id ORDER BY `exam\_student`.`student\_id`ASC;

N4

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) department\_id, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(\*) AS num\_departments FROM `degrees` GROUP BY department\_id ORDER BY `department\_id`;

JOIN

N1

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) degrees.id, degrees.name, students.name FROM degrees INNER JOIN students ON degree\_id = degrees.id WHERE degrees.name = "Corso di Laurea in economia";

N2

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) degrees.name, departments.name FROM degrees INNER JOIN departments ON degrees.department\_id = department\_id WHERE degrees.level = "magistrale" [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) departments.name ="dipartimento di neuroscienze";

N3

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) courses.id AS "id\_corso", courses.name AS "nome\_corso", teachers.name AS "nome\_insegnante" FROM courses INNER JOIN course\_teacher ON course\_id = courses.id INNER JOIN teachers ON teacher\_id = teachers.id WHERE teachers.id = 44;

N4

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) students.id AS "id\_studente", students.name AS "nome", students.surname AS "cognome", degrees.name AS "nome\_corso\_di\_laurea", departments.name AS "nome\_dipartimento" FROM students INNER JOIN degrees ON students.degree\_id = degrees.id INNER JOIN departments ON degrees.department\_id = departments.id ORDER BY students.surname ASC, students.name ASC;

N5

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) courses.name AS "nome\_materia", degrees.name AS "nome\_corso", teachers.name AS "nome-insegnante" FROM courses INNER JOIN degrees ON courses.degree\_id = degrees.id INNER JOIN course\_teacher ON course\_id = courses.id INNER JOIN teachers ON teachers.id = teacher\_id;

N6

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) DISTINCT teachers.id, teachers.name FROM departments INNER JOIN degrees ON degrees.department\_id = departments.id INNER JOIN courses ON courses.degree\_id = degrees.id INNER JOIN course\_teacher ON course\_teacher.course\_id = courses.id INNER JOIN teachers ON teachers.id = course\_teacher.teacher\_id WHERE departments.name = "Dipartimento di Matematica";