**GROUP BY:**  
1)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) [COUNT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_count)(\*) AS `numero\_studenti`, [YEAR](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/date-and-time-types.html)(`enrolment\_date`) AS `anno\_iscrizione`  
FROM `students`  
GROUP BY [YEAR](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/date-and-time-types.html)(`enrolment\_date`);  
  
2)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) [COUNT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_count)(\*) AS `number\_teachers`, `office\_address`  
FROM `teachers`  
GROUP BY `office\_address`;  
  
3)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) `exam\_id`, [AVG](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_avg)(`vote`) AS `media`  
FROM `exam\_student`  
GROUP BY `exam\_id`;  
  
4)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) `department\_id`, [COUNT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_count)( `name`) AS `numero corsi`  
FROM `degrees`  
GROUP BY `department\_id`;  
  
**JOIN:**  
1)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) `degrees`.`name` AS `degrees\_name`, `students`.\*  
FROM `degrees`  
INNER JOIN `students`  
ON `degrees`.`id`=`students`.`degree\_id`  
WHERE `degrees`.`name`='corso di laurea in economia';  
  
2)  
[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) `departments`.`name` AS `departments\_name`, `degrees`.\*  
FROM `departments`  
INNER JOIN `degrees`  
ON `departments`.`id`=`degrees`.`department\_id`  
WHERE `departments`.`name`= 'Dipartimento di Neuroscienze' [AND](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/logical-operators.html%23operator_and) `degrees`.`level`='magistrale';  
  
3)  
  
4)  
  
5)  
  
6)  
  
7)