1

1.Selezionare tutti gli studenti nati nel 1990 (160):

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `students` WHERE [YEAR](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/date-and-time-types.html)(`date\_of\_birth`) = 1990;

2.Selezionare tutti i corsi che valgono più di 10 crediti (479):

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `courses` WHERE `cfu` > 10;

3.Selezionare tutti gli studenti che hanno più di 30 anni:

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `students` WHERE YEAR(`date\_of\_birth`) >1993;

4.Selezionare tutti i corsi del primo semestre del primo anno di un qualsiasi corso di laurea (286).

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `courses` WHERE `period`='I semestre' [AND](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/logical-operators.html%23operator_and) `year` =1;

5.Selezionare tutti gli appelli d'esame che avvengono nel pomeriggio (dopo le 14) del 20/06/2020 (21):

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `exams` WHERE `date` = '2020-06-20' [AND](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/logical-operators.html%23operator_and) `hour`>= '14:00:00';

6.Selezionare tutti i corsi di laurea magistrale (38):

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `degrees` WHERE`level` ='magistrale';

7.Da quanti dipartimenti è composta l'università?(12)

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `departments`

8.Quanti sono gli insegnanti che non hanno un numero di telefono?(50)

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) \* FROM `teachers` WHERE `phone` [IS](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/comparison-operators.html%23operator_is) NULL;

BONUS

1.Contare quanti iscritti ci sono stati ogni anno:

2.Contare gli insegnanti che hanno l'ufficio nello stesso edificio:

[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 `office`,`office\_number` FROM `teachers` GROUP BY `office\_number`;

3.Calcolare la media dei voti di ogni appello d'esame

[SELECT](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) [AVG](http://localhost/phpMyAdmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_avg)(vote) AS `media`, `exam\_id` FROM `exam\_student` GROUP BY `exam\_id`;

4.Contare quanti corsi di laurea ci sono per ogni dipartimento

[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)(\*) `corsi`, `department\_id` FROM `degrees` GROUP BY `department\_id`;