**Query con SELECT**

1)

SELECT \*

FROM `students`

WHERE YEAR(`date\_of\_birth`) = '1990'

ORDER BY `date\_of\_birth`;

2)

SELECT \*

FROM `courses`

WHERE `cfu` > '10'

ORDER BY `cfu`;

3)

SELECT \*

FROM `students`

WHERE ('2022' - YEAR(`date\_of\_birth`)) > '30'

ORDER BY `surname`;

4)

SELECT \*

FROM `courses`

WHERE `period` = 'I Semestre'

AND `year` = '1'

ORDER BY `name`;

5)

SELECT \*

FROM `exams`

WHERE `hour` > '14:00'

AND `date` = '2020-06-20'

ORDER BY `id`;

6)

SELECT \*

FROM `degrees`

WHERE `level` = 'magistrale'

ORDER BY `name`;

7)

SELECT COUNT(\*) AS `n\_dipartimenti`

FROM `departments`;

8)

SELECT COUNT(\*) AS `n\_insegnanti\_no\_telefono`

FROM `teachers`

WHERE `phone` IS NULL;

**Query con GROUP BY**

1)

SELECT COUNT(\*) AS `n\_iscritti`, YEAR(`enrolment\_date`) AS `anno`

FROM `students`

GROUP BY `anno`;

2)

SELECT COUNT(\*) AS `n\_insegnanti`, `office\_address` AS `edificio`

FROM `teachers`

GROUP BY `edificio`;

3)

SELECT AVG(`vote`) AS `media\_voti`, `exam\_id`

FROM `exam\_student`

GROUP BY `exam\_id`;

4)

SELECT COUNT(\*) AS `n\_corsi`, `department\_id`

FROM `degrees`

GROUP BY `department\_id`;