1. Tutti studenti laurea economia:
   ```
   SELECT `students`.*, `degrees`.`name` AS `laurea`
   FROM `students`
   JOIN `degrees` ON `students`.`degree_id` = `degrees`.`id`
   WHERE `degrees`.`name` = 'Corso di Laurea in Economia';
   (68)
   ```

2. Tutti corsi laurea del dipartimento neuroscienze:
   ```
   SELECT `courses`.*, `courses`.`name` AS `materia`, `departments`.`name` AS `dipartimento`
   FROM `courses`
   JOIN `degrees` ON `courses`.`degree_id` = `degrees`.`id`
   JOIN `departments` ON `degrees`.`department_id` = `departments`.`id`
   WHERE `departments`.`name` = 'Dipartimento di Neuroscienze';
   (148)
   ```

3. Tutti i corsi il cui prof è Fulvio amato id 44:
   ```
   SELECT `courses`.*, `courses`.`name` AS `materia`
   FROM `courses`
   JOIN `course_teacher` ON `courses`.`id` = `course_teacher`.`course_id`
   JOIN `teachers` ON `course_teacher`.`teacher_id` = `teachers`.`id`
   WHERE `teachers`.`name` = 'Fulvio'
   AND `teachers`.`surname` = 'Amato';

   Oppure:
   WHERE `teachers`.`id` = 44;
   (11)
   ```

4. Tutti studenti con relativi dati corso laurea a cui sono iscritti e relativo dipartimento, in ordine alfabetico con nome e cognome:
   ```
   SELECT `students`.`surname`, `students`.`name`, `degrees`.`name` AS `laurea`, `departments`.`name` AS `dipartimento`
   FROM `students`
   JOIN `degrees` ON `students`.`degree_id` = `degrees`.`id`
   JOIN `departments` ON `degrees`.`department_id` = `departments`.`id`
   ORDER BY `students`.`surname`, `students`.`name`;
   ```

5. Tutti corsi laurea con relativi corsi e insegnanti:
   ```
   SELECT `degrees`.`name` AS `laurea`, `courses`.`name` AS `materia`,
   `teachers`.`surname`, `teachers`.`name`
   FROM `degrees`
   JOIN `courses` ON `degrees`.`id` = `courses`.`degree_id`
   JOIN `course_teacher` ON `courses`.`id` = `course_teacher`.`course_id`
   JOIN `teachers` ON `course_teacher`.`teacher_id` = `teachers`.`id`
   ORDER BY `laurea`;
   (1317)
   ```

6. Tutti i prof de dipartimento matematica (54):

```sql
SELECT DISTINCT `departments`.`name` AS `dipartimento`,
`teachers`.`surname`, `teachers`.`name`
FROM `departments`
JOIN `degrees` ON `departments`.`id` = `degrees`.`department_id`
JOIN `courses` ON `degrees`.`id` = `courses`.`degree_id`
JOIN `course_teacher` ON `courses`.`id` = `course_teacher`.`course_id`
JOIN `teachers` ON `course_teacher`.`teacher_id` = `teachers`.`id`
WHERE `departments`.`name` = 'Dipartimento di Matematica';
```

7. Per ogni studente, quanti tentativi di esame ha fatto per ogni esame:

```sql
SELECT COUNT(`exam_student`.`vote`) AS `n_tentativi`, COUNT(`exams`.`id`)
AS `n_esami`, `students`.`surname`, `students`.`name`
FROM `students`
JOIN `exam_student` ON `students`.`id` = `exam_student`.`student_id`
JOIN `exams` ON `exam_student`.`exam_id` = `exams`.`id`
GROUP BY `students`.`id`
ORDER BY `students`.`surname`, `students`.`name`;
```

ma i due risultati sono sempre uguali, quindi non credo sia giusto. Dovrei fare un controllo quando il primo count è diverso dal secondo ma non riesco a metterlo nella condizione where..