

1. Selezionare tutti gli studenti iscritti al Corso di Laurea in Economia
2. Selezionare tutti i Corsi di Laurea del Dipartimento di Neuroscienze
3. Selezionare tutti i corsi in cui insegna Fulvio Amato (id=44)
4. Selezionare tutti gli studenti con i dati relativi al corso di laurea a cui sono iscritti e il relativo dipartimento, in ordine alfabetico per cognome e nome
5. Selezionare tutti i corsi di laurea con i relativi corsi e insegnanti
6. Selezionare tutti i docenti che insegnano nel Dipartimento di Matematica (54)
7. BONUS: Selezionare per ogni studente quanti tentativi d'esame ha sostenuto per superare ciascuno dei suoi esami

```
1:
SELECT `students`.`name`, `students`.`surname`, `degrees`.`name` AS `course`
FROM `students`
INNER JOIN `degrees`
ON `students`.`degree_id` = `degrees`.`id`
WHERE `degrees`.`name` = 'Corso di Laurea in Economia';
```

```
2:
SELECT `degrees`.`name` AS `course`, `degrees`.`level`, `departments`.`name` AS `department`
FROM `degrees`
INNER JOIN `departments`
ON `degrees`.`department_id` = `departments`.`id`
WHERE `departments`.`name` = 'Dipartimento di Neuroscienze';
```

```
3:
SELECT `courses`.`name` AS `course`, `teachers`.`name`, `teachers`.`surname`
FROM `courses`
INNER JOIN `course_teacher` ON `courses`.`id` = `course_teacher`.`course_id`
INNER JOIN `teachers` ON `course_teacher`.`teacher_id` = `teachers`.`id`
WHERE `teachers`.`id` = 44;
```

```
4:
SELECT `students`.`surname`, `students`.`name`, `degrees`.`name` AS `course`, `degrees`.`level`, `degrees`.`address`, `degrees`.`email`,
`degrees`.`website`, `departments`.`name` AS `department`
FROM `students`
INNER JOIN `degrees` ON `students`.`degree_id` = `degrees`.`id`
INNER JOIN `departments` ON `degrees`.`department_id` = `departments`.`id`
ORDER BY `students`.`surname`, `students`.`name`;
```

```
5:
SELECT `degrees`.`name` AS `degree`, `courses`.`name` AS `course`, `teachers`.`name` AS `teacher's_name`, `teachers`.`surname`
AS `teacher's_surname`
FROM `degrees`
INNER JOIN `courses` ON `degrees`.`id` = `courses`.`degree_id`
INNER JOIN `course_teacher` ON `courses`.`id` = `course_teacher`.`course_id`
INNER JOIN `teachers` ON `course_teacher`.`teacher_id` = `teachers`.`id`;
```

```
6:
SELECT DISTINCT `departments`.`name` AS `department`, `teachers`.`name`, `teachers`.`surname`
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';
```