

## **Class exercises on SQL V1 (23 Dec 2018)**

For the following questions write the corresponding SQL queries that provide the appropriate answer:

1. Which students belong to “Physics” Department?
2. Which Teachers work on the Department managed by “Manuel Pereira”?
3. Which projects with a budget > 50000 are managed by a teacher that works on the “Math” department?
4. Which projects have at least two teachers participating, t1 and t2, and t1 works on “Math” while t2 works on “Physics” Departments?
5. Advises is a table that represent the relation between students (adviser advises the advised). Which Students have no adviser?
6. How many elements (students and teachers) participates on each project (don’t count the manager)?
7. How many Students work on projects with a budget less than 20000?
8. How many teachers work on both “Math” and “Chemistry” departments?