

## TP5 View Index and Explain

Using database employees

### 1. Using view table

- create view as dept\_emp\_view that join table dept\_emp and departments
- alter the previous view dept\_emp join the dept\_manager
- create view that show employee information, salary information and the other column as income show that if salary equal or bigger than 80000 highest , and salary  $\geq 60000$  medium and salary  $\geq 50000$  low.  
Employees information: show only CONCAT(first name," ",last name) as Employee's Name  
Salary: show only amount money and name it as Salary  
Income: show only medium, high, and low name it as Income.
  - Condition salary  $< 80000$  and salary  $> 50000$  1000 rows or less

### 2. Using Index

- Alter employees table with 4 unique (birth\_date, first\_name, last\_name,gender) to identified unique employee
- alter fulltext in employees table like (first name and last name) in order to search text.

### 3. Using Explain or Describe

- using explain to show data structure of the table titles
- enable format explain tree in order to analyze the query.
- using json format to explain the query and show about the evaluation.