

## Company Database Schema

1. Display the <b>Department id</b> , <b>Department Name</b> and its <b>manager id</b> and the <b>Manager name</b> .
2. Display the <b>project name</b> and <b>departments' name</b> that <b>control them</b>
3. Display the <b>dependent name</b> for all the dependence and the <b>name of the employee</b> they depend on him/her.
4. Retrieve the employee <b>first name</b> , <b>project name</b> of all employees work in <b>department 10</b> who <b>works more than or equal 10 hours</b> ordered by <b>first name</b> .
5. List the <b>last name</b> of all <b>managers</b> who have <b>no dependents</b> .
6. Display the <b>department name</b> which has the <b>smallest employee ID over all employees' ID</b> .

## Database Fundamentals

### SQL

7. For each department >>> display <b>department name and number of its employees</b> -- if its <b>average salary is less than 1200</b>	
8. Find the fname of the employees who directly supervised with 'Kamel Mohamed'.	
9. Retrieve a list of employees (fname) and the projects (project name) they are working on ordered by department no, last name, first name.	
10. Find the project number, the controlling department name, the department manager last name, address and birthdate. For each project located in 'Cairo' City	
11. For each department, retrieve the department name and the maximum, minimum and average salary of its employees.	