**Company Database Schema**

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| 1. Display the **Department id**, **name** and its **manager id** and the **name of its manager.** |
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| 1. Display the **departments’ name** and the **project name** of the **under their control.** |
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| 1. Display the **dependent name** for all the dependence and the **name of the employee** they depend on him/her. |
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| 1. Retrieve the **fname, pname** of all employees work in **department 10** who **works more than or equal 10 hours** per week on **‘AL Rabwah’** project. |
| select Fname,Pname from employee e,project p, works\_for w where ESSn = SSN and Pno = pnumber and Dno=10 and Hours>=10  and Pname ="AL Rabwah"; |
| 1. Find the **fname** of the employees who **directly supervised** with ‘**Kamel Mohamed’**. |
| select e.Fname from employee e, employee s where e.Superssn = s.SSN and s.Fname="Kamel" and s.Lname="Mohamed"; |
| 1. List the **last name** of all managers who have **no dependents.** |
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| 1. Display the **department name** which has the **smallest employee ID over all employees' ID.** |
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| 1. For each department, retrieve the **department name** and the **maximum**, **minimum** and **average** **salary** of its employees. |
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| 1. For each department >>> display **department number**, **department name and number of its employees**   -- if its **average salary is less than 1200** |
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| 1. Retrieve a list of employees (**fname**) and the projects (**project name**) they are working on ordered by **department no, last name, first name**. |
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| 1. Find the **project number**, the **controlling department name**, the **department manager last name**, address and **birthdate**. For each project located in ‘**Cairo’** City |
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