**Part 01**

**Use ITI DB**

1. Display student with the following Format (use isNull function)

|  |  |  |
| --- | --- | --- |
| Student ID | Student Full Name | Department name |
|  |  |  |

1. Select instructor name and his salary but if there is no salary display ‘0000’ . (use one of Null Function)
2. Display instructors who have salaries less than the average salary of all instructors.--
3. Display the Department name that contains the instructor who receives the minimum salary.
4. Select max two salaries in the instructor table.
5. Write a query to select the highest two salaries in Each Department for instructors who have salaries. “using one of Ranking Functions”
6. Write a query to select a random student from each department. “using one of Ranking Functions)

**Part 02**

**Use MyCompany DB**

1. Display the data of the department which has the smallest employee ID over all employees' ID.
2. For each department-- if its average salary is less than the average salary of all employees-- display its number, name and number of its employees.
3. Try to get the max 2 salaries using subquery
4. Display the employee number and name if at least one of them has dependents (use exists keyword) self-study.