Online A2

As the newly appointed database expert (going to be) in the company with an Oracle database system, your CEO assigned you to a crucial task. You were asked to extract specific information from the HR schema. Sample outputs have been provided. Observe carefully, your column names are expected to be matched with the provided output's column names.

Q1. For each department, find its name and address. The address should print each location in the following format: STREET_ADDRESS, CITY, STATE_PROVINCE, POSTAL_CODE. Order the output according to department ID (low to high). join lagbe

Q2. Show the name of the day and number of employees hired in that day. Day should be sorted as the following order *Friday, Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday* (See Sample output). order parina

Q3. For each employee, find the total number of employees who earn more than him/her and who earn less than him/her. Print employee ID, full name (first_name, space, last_name), salary, number of employees who earn more than him/her and number of employees who earn less than him/her. Order the output according to employee ID (low to high). Print only those employees who are gets more salary than at least 10 other employees and gets less salary than at most 25 other employees.

Q4. Display the first name and salary for all employees. Format the salary to be 10 characters long, right justified with the '$' symbol, the department id and the department name (without spaces) according to the length of the department name (without spaces) ordered from high to low and belonging to department id in range of 10 to 90.

Q5. Display the Employee_Code (Employee_Code consists of 1st letter of the first name, 1st letter of the last name, a SPACE and the employee id; i.e. if first name is Lionel, last name is Messi and employee id is 10 then Employee_Code is LM 10) and the total salary s/he earned so far, for those employees whose experience is more than 18 years. You can safely assume, if an employee joins in the middle of a month s/he gets the full salary of that month also this month's salary hasn't been paid yet. Order the output according to employee id high to low.

Oh!!! You are a student of the Department of CSE, BUET. So, don't disappoint him/her!!!

Sample Output:

Q1.

DEPARTMENT_ID	DEPARTMENT_NAME	ADDRESS
10	Administration	2004 Charade Rd, Seattle, Washington, 98199
20	Marketing	147 Spadina Ave, Toronto, Ontario, M5V 2L7
30	Purchasing	2004 Charade Rd, Seattle, Washington, 98199
40	Human Resources	8204 Arthur St, London, ,
50	Shipping	2011 Interiors Blvd, South San Francisco, California, 99236

Q2.

DAY	TOTAL_EMPLOYEES
Friday	19
Saturday	19
Sunday	15
Monday	10

Q3.

EMPLOYEE_ID	NAME	SALARY	RICHER THAN	POORER THAN
100	Steven King	24000	106	0
101	Neena Kochhar	17000	104	1
102	Lex De Haan	17000	104	1
103	Alexander Hunold	9000	80	23

Q4.

FIRST_NAME	SALARY	ID	NAME
Hermann	$$$$$10000	70	PublicRelations
Susan	$$$$$$6500	40	HumanResources
Jennifer	$$$$$$4400	10	Administration
Sigal	$$$$$$2800	30	Purchasing

Q5.

EMPLOYEE_CODE	EARNED_SALARY
WG 206	2099900
SH 205	3038024
HB 204	2530000
SM 203	1644500