

CSE216 Online 2

Set A

05 December, 2017

Table	Columns
REGIONS	REGION_ID, REGION_NAME
COUNTRIES	COUNTRY_ID, COUNTRY_NAME, REGION_ID
LOCATIONS	LOCATION_ID, STREET_ADDRESS, POSTAL_CODE, CITY, STATE_PROVINCE, COUNTRY_ID
DEPARTMENTS	DEPARTMENT_ID, DEPARTMENT_NAME, MANAGER_ID, LOCATION_ID
EMPLOYEES	EMPLOYEE_ID, FIRST_NAME, LAST_NAME, EMAIL, PHONE_NUMBER, HIRE_DATE, JOB_ID, SALARY, COMMISSION_PCT, MANAGER_ID, DEPARTMENT_ID
JOB_HISTORY	EMPLOYEE_ID, START_DATE, END_DATE, JOB_ID, DEPARTMENT_ID
JOBS	JOB_ID, JOB_TITLE, MIN_SALARY, MAX_SALARY

(you may use any technique taught so far starting from chapter 1 to chapter 7)

Q1[10 Points]: For each employee, find the total number of employees who were hired before him/her and who were hired after him/her. Print employee's last name, total employees hired before him/her, and total employees hired after him/her.

Q2[10 Points]: Find the last names of employees and their salaries for the top five highest salaried employees. The number of employees in your output should be more than five if there are employees with same salary.

Q3[10 Points]: Find the last names and salaries of those employees whose salary is within ± 5000 of the average salary of Sales department.

Hint: Use ABS() function.

Q4[10 Points]: Display employees whose salary is above the average salary of his/her department. Print employee's last name, department name, salary, and his/her department's average salary.

Q5[10 Points]: Display first name and last name of employees who were managers before, but currently are not in any managerial post.