

CSE 348 Database Management Systems

ASSIGNMENT 2

Import the **SQL Import** file from the coadsys page and answer the following questions. You will write 4 separate select queries for this assignment.

Write the proper SQL statements for the following operations:

- 1) GET product_id as PRD_ID, customer_id as CUSTOMER_ID, sale_date as SALE_DATE and commission_ratio of all sales which is done before start of 2016 or done by a salesman whose id is not 1,6,2. Sort results primarily with date in ascending order, secondarily with commission_ratio in descending order.
- 2) Get all salesman information whose names' second word is 'e' and hired after 01-01-2012. Sort results by salary.
- 3) Get product_name as PRODUCT_NAME, category as CAT, price with VAT (price*1.08) as PR_VAT of products whose category is in c1,c4 or c5, or price with VAT is bigger than 16. Sort results with price with VAT in descending order.
- 4) Get salesman_name as SALESMAN_NAME, hire_date as HIREDATE, salary as OLD_SALARY, old annual salary (12*salary) as OLD_ANNUAL_SALARY, new salary (salary+salary*0.25) as NEW_SALARY, new annual salary (12*(salary+salary*0.25) as NEW_ANNUAL_SALARY of salesmen who were not hired between start of 2013 and end of 2015 or having new salary more than 1000. Sort results primarily with NEW_ANNUAL_SALARY in ascending order, secondarily with salesman_name in ascending order.

!! Do not forget that we can change the values in tables, so you should write the proper SQL statements. Do not use hardcoded values in SQL statements. If we fetch such a case, you will get 0 in your assignment!!!

Write all your statements ***in a single SQL file*** and name it with **your name and surname**, attached in front of "Assignment2" (e.g. "**YusufCanSemerciAssignment2.sql**").

Submit your work through the "**CSE 348 - Assignment 2**" link on the course page at COADSYS.