

Assignment 6

To solve below queries use "sales" database

1. Write a query that counts the number of salespeople registering orders for each day. (If a salesperson has more than one order on a given day, he or she should be counted only once.).
2. Write a query on the Customers table that will find the highest rating in each city. Put the output in this form: For the city (city), the highest rating is : (rating).
3. Write a query that totals the orders for each day and places the results in descending order.
4. Write a query that selects the total amount in orders for each salesperson for whom this total is greater than the amount of the largest order in the table.
5. Write a query that selects the highest rating in each city.
6. Largest order taken by each salesperson with order value more than Rs.3000.
7. Select each customer smallest order.

To solve below queries use "hr" database

1. Display manager ID and number of employees managed by the manager.
2. Display the country ID and number of cities we have in the country.
3. Display average salary of employees in each department who have commission percentage.
4. Display job ID, number of employees, sum of salary, and difference between highest salary and lowest salary of the employees of the job.
5. Display job ID for jobs with average salary more than 10000.
6. Display years in which more than 10 employees joined.
7. Display departments in which more than five employees have commission percentage.
8. Display employee ID for employees who did more than one job in the past.
9. Display job ID of jobs that were done by more than 3 employees for more than 100 days.
10. Display department ID, year, and Number of employees joined.
11. Display how many employees joined in each month of the current year.
12. Display details of departments in which the maximum salary is more than 10000.

To solve below queries use "emp" table

1. Print the employee to whom maximum number of employee reports.
2. Print the total number of employees not reporting to MANAGER and PRESIDENT.
3. Print the number of CLERK in each department.
4. Print the years for which recruited emp salary average is above 2000.0.
5. Print employees recruited per month in sorted order of count. If count is same, then follow alphabetical order of month name.

month	cnt
Apr	1
Jun	1

month	cnt
May	1
Nov	1
Feb	2
Jan	2
Sep	2
Dec	4

6. Count the number of employees getting commission and not getting commission.

Category	Count
Comm	10
No Comm	4

7. Print number of employees hired on each day (other than weekend) in descending order.

Day	Count
Thursday	4
Tuesday	3
Wednesday	2
Friday	2
Monday	1
