Bahria University,

Karachi Campus

LAB EXPERIMENT NO:

02

LIST OF TASKS

TASK NO	OBJECTIVE
01	a. Retrieve the product names and their corresponding quantities in stock for products with quantities below 50. Sort the list by quantity in ascending order. (Table: Products) b. List the employee names and their hire dates for employees hired in the year 2023. Order the results by hire date in descending order. (Table: Employees) c. Display the highest, lowest, sum and average UnitPrice of each Category, where highest UnitPrice lies in the range of 50$ to 100$. Label column as CategoryId, Maximum, Minimum, Sum and Average, respectively. (Table: Products) d. From customers table, Count all customers in each region where region is not null. (Table: Customers). e. Write a query to display the number of ContactName with same ContactTitle. Sort contact title in descending order. (Table: Customers) f. Write a query that count all orders against each product id. No of orders should be greater than 50. (Table: [Order Details]). g. How many people are in each unique city in the employee table that have more than one person in the city? Select the city and display the number of how many people are in each if it's greater than 1.(Table: Employees) h. Find the product name, maximum price and minimum price of each product having maximum price greater than 20.00 $. Order by maximum price. i. Write a query to list no of customers with same ContactTitle if No of customers is greater than 5. However their ContactTitle does not contain Manager. Order by contact title in Descending order(Table: Customers) j. Retrieve the count of products in each category where the unit price is less than 30 dollars. Label the columns as CategoryID and ProductCount. (Tables: Products)

Submitted On:

13/03/24

(Date: DD/MM/YY)