

Design Laboratory (CS69202)
Spring Semester 2023

Assignment 3: SQL

Assignment date: January 17, 2024

Day 1

Questions A (1 Marks x 10) = 10 Marks

1. From the Suppliers table, retrieve all supplier information (Id, CompanyName, ContactName, City, Country)
2. Display the names of suppliers located in the United States of America.
3. Retrieve a supplier's contact name and phone number with the ID 11.
4. Get a particular order's total amount and date by its ID 783.
5. Count the orders placed in December month of any year.
6. Count the number of orders placed by a customer with ID 10.
7. Find the average unit price of products supplied by a specific supplier.
8. Display the names of customers who have placed at least one order.
9. Get the total number of orders placed by each customer.
10. Display the product name and unit price for products with a unit price greater than \$50.

Questions B (3 Marks x 10) = 30 Marks

1. List the top 5 most expensive products.
2. Identify customers who have not placed any orders in the year 2014.
3. Find the total revenue generated in October.

4. List the products that have never been ordered.
5. Retrieve the names of suppliers who provide more than 3 different products.
6. Calculate the average order value for each customer.
7. Find the most popular product (the one with the highest total quantity ordered).
8. List the customers who have spent more than a certain amount in total.
9. Identify products that have been supplied by multiple suppliers.
10. Find the total number of orders placed in each country.