

BAHRIA UNIVERSITY ISLAMABAD

Database Management Systems Lab (CS DEPT)

INSTRUCTOR: MS. SARA DURRANI

Quiz 2

Saad Ahmad

01-134222-130

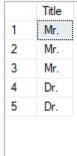
Create a sample table called Customers with the following columns:

- CustomerID (int): Unique identifier for each customer
- CustomerName (nvarchar(50)): Name of the customer
- PhoneNumber (nvarchar(20)): Customer's phone number (including special characters)
- PurchaseAmount (decimal(10,2)): Amount spent by the customer on their last purchase
- Date of Birth

Tasks:

1. Names contain titles like 'Mr.', 'Ms.', or 'Dr.' in the Customer Name. Extract that from the columns of Customer Name.

Select SUBSTRING(CustomerName,1,3) AS 'Title' FROM Customers;



Round off the Purchase Amount in the table.
SELECT PurchaseAmount, ROUND (PurchaseAmount, 0) AS 'Purchase Amount Rounded off' FROM Customers;

	PurchaseAmount	Purchase Amount Rounded off
1	1099.50	1100.00
2	1084.99	1085.00
3	1100.59	1101.00
4	1456.45	1456.00
5	2000.01	2000.00

3. Identify and remove duplicate customer names while considering different letter cases (e.g., "John" and "JOHN" should be considered the same).

SELECT Distinct CustomerName FROM Customers;

	CustomerName
1	Dr.Ahmed Raja
2	Dr.Haris Asghar
3	Mr.Ahsan Ashraf
4	Mr.Ebad Afridi
5	Mr.SAAD AHMAD

4. Concatenate CustomerID with CustomerName.

SELECT CONCAT(CustomerID, ' ', CustomerName) 'Random' FROM Customers;

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		Random				
	1	1 Mr.Saad Ahmad				
	2	2 Mr.Ebad Afridi				
	3	3 Mr.Ahsan Ashraf				
	4	4 Dr. Haris Asghar				
	5	5 Dr.Ahmed Raja				
	6	1 Mr.Saad Ahmad				
	7	2 Mr.Ebad Afridi				

5. Use DateofBirth to find the difference of age between any two Customers.