Tugas Database Module 2 Session 3 untuk no 6-7

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No 6.

Display TransactionID, Day (obtained from the day name of the transaction), CustomerName (obtained from CustomersName in uppercase format), and Email (obtained by changing the characters after ‘@’ with ‘gmail.com’) for every transaction that happen on November and is done by a customer which name is shorter than 12 characters long.

(**DAYNAME, UPPER, INSERT, POSITION, REVERSE, LENGTH, MONTH**)

SELECT transactionheader.TransactionID, DAYNAME(transactionheader.TransactionDate) AS Day, UPPER(mscustomer.CustomerName) AS CustomerName, INSERT(mscustomer.CustomerEmail, POSITION('@' IN mscustomer.CustomerEmail)+1, POSITION('@' IN REVERSE(mscustomer.CustomerEmail)),'gmail.com') AS Email

FROM transactionheader INNER JOIN mscustomer ON transactionheader.CustomerID = mscustomer.CustomerID

WHERE MONTH(transactionheader.TransactionDate) = 11 AND LENGTH(mscustomer.CustomerName) < 12 A screenshot of a computer

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No 7

Display TransactionID, Product Bought (obtained by displaying all of the product name bought in the transaction separated by comma), Date (obtatined from transaction date in dd-MM-yyyy format) for every transaction thay happens in August and have an odd day.

(**GROUP\_CONCAT, DATE\_FORMAT, MONTH, DAY**)

SELECT transactionheader.TransactionID, GROUP\_CONCAT(msproduct.ProductName)AS 'Product Bought', DATE\_FORMAT(transactionheader.TransactionDate, '%d %M %Y') AS Date

FROM transactionheader INNER JOIN transactiondetail ON transactionheader.TransactionID = transactiondetail.TransactionID INNER JOIN msproduct ON transactiondetail.ProductID = msproduct.ProductID

WHERE MONTH(transactionheader.TransactionDate) = 8 AND DAY(transactionheader.TransactionDate)%2 = 1

GROUP BY transactionheader.TransactionID

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