Task#1.

Write a query against the Sales.SalesOrderHeader table that returns orders placed in April 2008.

Output:

SalesOrderID OrderDate CustomerID SalesPersonID

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Task#2.

Write a query against the Sales.SalesOrderHeader table that returns orders placed in 2005 on the last day of the month.

Output:

SalesOrderID OrderDate CustomerID SalesPersonID

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Task#3.

Return persons from Person.Person table with last name containing the letter 't' thrice or more.

Output:

BusinessEntityID FirstName MiddleName LastName

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Task#4.

Return orders from Sales.SalesOrderDetail with total discount greater than 5, sorted by total discount.

Output:

SalesOrderID TotalDiscount

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Task#5.

Write a query against the Sales.SalesOrderHeader table that returns the five CustomerIDs with the highest

freight in 2006.

Output:

CustomerID Freight

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Task#6.

Write a query against the Sales.SalesOrderHeader table that calculates row numbers for orders based on order

date ordering (using order ID as the tiebreaker) for each customer separately made with creditcard.

Output:

CustomerID OrderDate SalesOrderID CreditCardID rownum

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Task#7.

Write a select statement that returns for each person PhoneNumber and phone type based on PhoneNumberTypeID: for 1 return 'Mobile', for 2 return 'Home', for 3 return 'Other'

Output:

BusinessEntityID PhoneNumber PhoneNumberTypeID PhoneType

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Task#8.

Return for each Vendor in Purchasing.Vendor vendor name and PurchasingWebServiceURL, sorted by PurchasingWebServiceURL, having NULL values sorted last.

Output:

BusinessEntityID Name PurchasingWebServiceURL

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Task#9.

Use table Sales.SalesOrderHeader. Return SalesOrderIDs that has SalesOrderNumber started from SO43000 to SO44999 and ordered online or SalesOrderIDs

Output:

SalesOrderID SalesOrderNumber OnlineOrderFlag

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Task#10.

Select orders placed on weekends.

Output:

SalesOrderID OrderDate Day Of Week Name

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