

```
use AdventureWorks2012;

-- 1.  Display the SalesOrderID, ShipDate of the SalesOrderHeader table (Sales schema) to show SalesOrders
--      that occurred within the period '7/28/2002' and '7/29/2014'
select SalesOrderID , ShipDate
from Sales.SalesOrderHeader
where OrderDate between convert(datetime, '7/28/2002') and convert(datetime, '7/29/2014')

-- 2.  Display only Products(Production schema)
--      with a StandardCost below $110.00 (show ProductID, Name only)
select ProductID , Name
from Production.Product
where StandardCost < 110

-- 3.  Display ProductID, Name if its weight is unknown
select ProductID , Name
from Production.Product
where Weight is null
```

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Query executed successfully. DESKTOP-RM9R44Q (14.0 RTM) DESKTOP-RM9R44Q\ht (54) AdventureWorks2012 00:00:00 0 rows

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```
-- 4-Display all Products with a Silver, Black, or Red Color
select ProductID , Name
from Production.Product
where Color in('Silver' , 'Black' , 'Red');

-- 5.  Display any Product with a Name starting with the letter B
select ProductID , Name
from Production.Product
where Name like 'b%';

/*
6. Run the following Query
   Then write a query that displays any Product description with underscore value in its description.
*/

UPDATE Production.ProductDescription
SET Description = 'Chromoly steel_High of defects'
WHERE ProductDescriptionID = 3

select Description
from Production.ProductDescription
where Description like '%[_]%'
```

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Query executed successfully. DESKTOP-RM9R44Q (14.0 RTM) DESKTOP-RM9R44Q\ht (54) AdventureWorks2012 00:00:00 0 rows

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```
-- 7.Calculate sum of TotalDue for each OrderDate in Sales.SalesOrderHeader table
-- for the period between '7/1/2001' and '7/31/2014'

select OrderDate , sum(TotalDue)
from Sales.SalesOrderHeader
where OrderDate between convert(datetime, '7/1/2001') and convert(datetime, '7/31/2014')
group by OrderDate
order by OrderDate

-- 8.Display the Employees HireDate (note no repeated values are allowed)
select distinct HireDate
from HumanResources.Employee

-- 9.Calculate the average of the unique ListPrices in the Product table
select avg(distinct ListPrice)
from Production.Product

-- 10. Display the Product Name and its ListPrice
```

Query executed successfully.

```
-- 10. Display the Product Name and its ListPrice
-- within the values of 100 and 120 the list should has the following format
-- "The [product name] is only! [List price]"
-- (the list will be sorted according to its ListPrice value)

select concat(Name , ' is only ! ' , ListPrice)
from Production.Product

/*
11
a) Transfer the rowguid ,Name, SalesPersonID, Demographics from Sales.Store table in a newly created table named [store_Archive]
Note: Check your database to see the new table and how many rows in it?
*/

-- 701 row affected
select rowguid ,Name, SalesPersonID, Demographics into store_Archive
from Sales.Store
```

Query executed successfully.

Day5_Task2.sql - DESKTOP-RM9R44Q\AdventureWorks2012 (DESKTOP-RM9R44Q\ht (54)) - Microsoft SQL Server Management Studio

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AdventureWorks2012 Execute

Task1.sql - DESKTOP-RM9R44Q\ht (52) Day5_Task2.sql - DESKTOP-RM9R44Q\ht (54)

```
11
a) Transfer the rowguid,Name, SalesPersonID, Demographics from Sales.Store table in a newly created table named [store_Archive]
Note: Check your database to see the new table and how many rows in it?
*/
-- 701 row affected
select rowguid,Name, SalesPersonID, Demographics into store_Archive
from Sales.Store

-- b) Try the previous query but without transferring the data?
-- 0 row affected
select rowguid,Name, SalesPersonID, Demographics into store_Archive2
from Sales.Store
where 2=3

--12. Using union statement, retrieve the today's date in different styles using convert or format funtion.
select CONVERT(VARCHAR(10), getdate())
union
select format(getdate(), 'dd/MM/yyyy')
```

145 %

Messages

Query executed successfully.

DESKTOP-RM9R44Q (14.0 RTM) DESKTOP-RM9R44Q\ht (54) AdventureWorks2012 00:00:00 0 rows

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