Chanchal Kumari (239592) Lab-2

---1b. Prepare a query that provides information about sales amount and volume in individual months (month and year) of the AdventureWorks business.

SELECT MONTH(OrderDate) AS "MONTH",COUNT(SalesOrderID) As "Volume", SUM(SubTotal) AS "Amount of sales"

FROM [Sales].[SalesOrderHeader]

GROUP BY MONTH(OrderDate)

Order By MONTH(OrderDate)

--2d.Display the names of all individual customers with the total sum of purchases (use SalesOrderHeader.SubTotal) greater than 1500USD – sorted (descending) by the total sum of purchases.

SELECT Distinct B.FirstName AS "FIRST NAME" , SubTotal AS "SUBTOTAL "

FROM Sales.SalesOrderHeader A JOIN Person.Person B

ON A.SalesPersonID= B.BusinessEntityID

GROUP BY B.FirstName, SubTotal

HAVING SubTotal >= 1500

ORDER BY SubTotal DESC

--4d. Display the names of the products for which the individual elements like Color, Color or

--Weight, Weight and Size are defined. Prepare 3 queries.

SELECT Name, Color FROM Production.Product

WHERE Color is not NULL

SELECT Name, Color, Weight FROM Production.Product

WHERE Color is not NULL OR Weight is not NULL

SELECT Name, Weight,Size FROM Production.Product

WHERE Weight is not NULL OR Size is not NULL