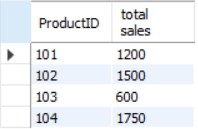
***MY SQL ASSIGNMENT 4***

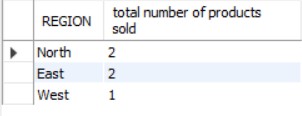
**Q1.Writeaquerytocalculatethetotalsales(Quantity\*UnitPrice)foreach product.**

SELECTProductID,sum(Quantity\*UnitPrice)as"totalsales"fromSales GROUP BY ProductID;



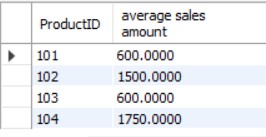
# Q2.Writeaquerytofindthetotalnumberofproductssoldineachregion.

SELECTRegion,count(ProductID)as"totalnumberofproductssold"fromSales GROUP BY Region;



# Q3.Writeaquerytogettheaveragesalesamountperproduct.

SELECTProductID,avg(Quantity\*UnitPrice)as"averagesalesamount"fromSales GROUP BY ProductID;



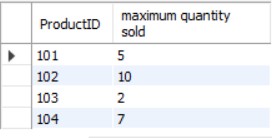
SELECTRegion,sum(Quantity\*UnitPrice)as"totalsales"fromSales GROUP BY Region

HAVINGsum(Quantity\*UnitPrice)>3000;



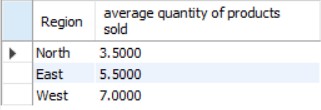
# Q5.Writeaquerytogetthemaximumquantitysoldforeachproduct.

SELECTProductID,max(quantity)as"maximumquantitysold"fromSales GROUP BY ProductID;



# Q6.Writeaquerytocalculatetheaveragequantityofproductssoldper region.

SELECTRegion,avg(quantity)as"averagequantityofproductssold"fromSales GROUP BY Region;

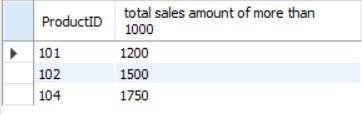


# than1000.

SELECTProductID,sum(quantity\*UnitPrice)as"totalsalesamountofmorethan1000" from Sales

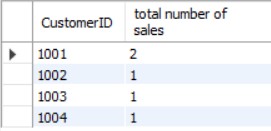
GROUPBYProductID

HAVINGsum(quantity\*UnitPrice)>1000;



# Q8.Writeaquerytogetthetotalnumberofsales(rows)madeforeach customer.

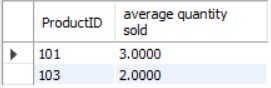
SELECTCustomerID,count(Quantity)as"totalnumberofsales"fromSales GROUP BY CustomerID;



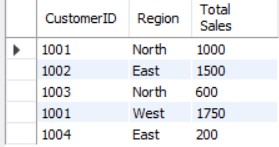
# Q9.Findtheproductsforwhichtheaveragequantitysoldislessthan 5.

SELECTProductID,avg(quantity)as"averagequantitysold"fromSales GROUP BY ProductID

HAVINGavg(quantity)<5;



SELECTCustomerID,Region,sum(Quantity\*UnitPrice)as"TotalSales"fromSales GROUP BY CustomerID, Region;



# Q11.Writeaquerytocalculatethetotalsalesforeachmonth.

SELECT EXTRACT(MONTHFROMSaleDate)asmonth,sum(Quantity\*UnitPrice)as"Total Sales" from Sales

GROUP BY EXTRACT(MONTHFROMSaleDate);



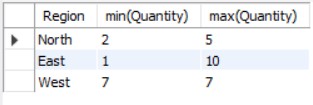
# Q12.Findtheregionswheretheaverageunitpriceismorethan200.

SELECTRegion,avg(UnitPrice)as"averageunitprice"fromSales GROUP BY Region

HAVINGavg(UnitPrice)>200;



SELECTRegion,min(Quantity),max(Quantity)fromSalesGROUPBYRegion;



# /\*Q14.Findthecustomerswhohavemademorethan2purchases.\*/

SELECTCustomerID,count(ProductID)fromsales group by CustomerID

havingcount(ProductID)>1;



# Q15.Writeaquerytofindthetotalsalesforeachproductandfilteronly those products where the total sales exceed 1500.

SELECTProductID,sum(Quantity\*UnitPrice)as"totalsales"fromSales GROUP BY ProductID

HAVINGsum(Quantity\*UnitPrice)>1500;

