From a Relational Databases that's uses Microsoft SQL Server I CREATED A VIEW FROM THE AdventureWorks sales Department to list Details of the salesperson being the following: FirstName ,MiddleName,LastName .

The sales Person who received bonuses over 5000.00 and who had processed orders with DueDate between 2014 and 2016.

This information was essential for the department to have a clearer knowledge of the exact sales person with desired details .

The query is as follows

USE AdventureWorks2017

GO

CREATE VIEW vWSalesDepartment1_1_1

AS

SELECT Title, FirstName, MiddleName, LastName

FROM Person.Person P

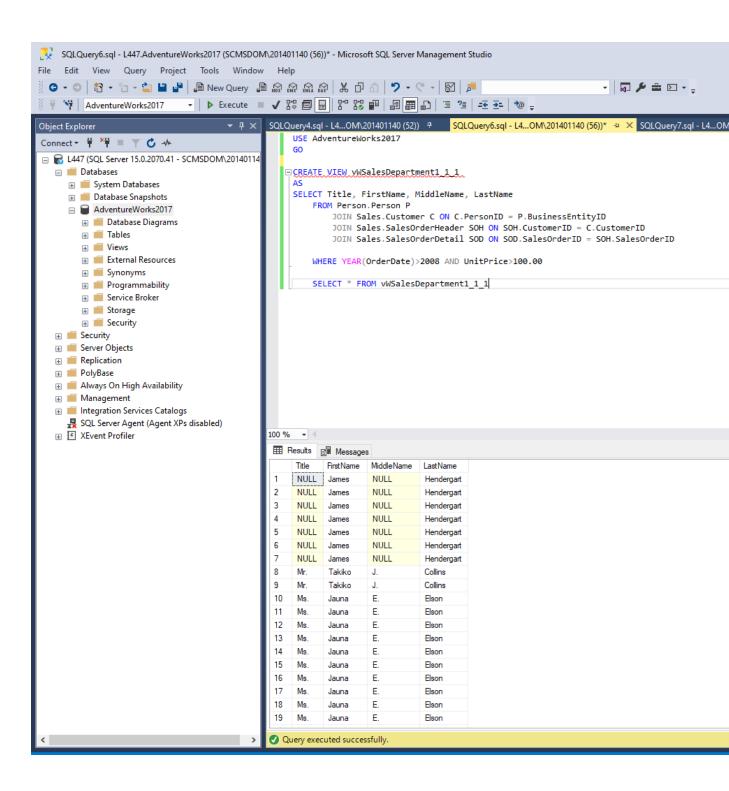
JOIN Sales.Customer C ON C.PersonID = P.BusinessEntityID

JOIN Sales.SalesOrderHeader SOH ON SOH.CustomerID = C.CustomerID

JOIN Sales.SalesOrderDetail SOD ON SOD.SalesOrderID = SOH.SalesOrderID

WHERE YEAR(OrderDate)>2008 AND UnitPrice>100.00

SELECT * FROM vWSalesDepartment1_1_1



2.SECOND PROJECT:

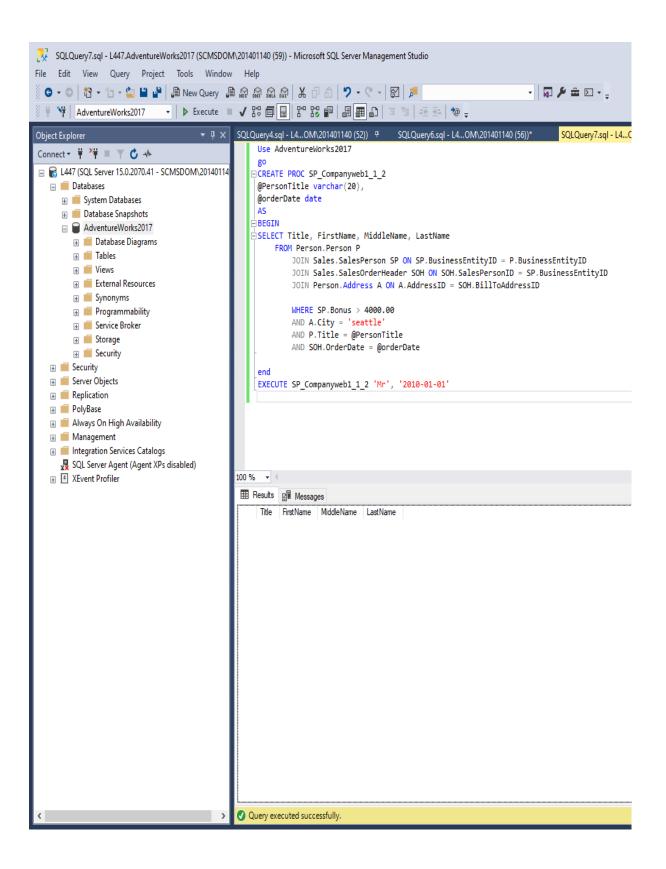
The software developers Small enterprice company wanted to execute a **stored procedure** to display certain information on the company"s website .

As a DATABASE Developer I developed a Stored procedure for the software developer that listed Storename, demographics ,City ,Orderdate ,DueDate ,Shiprate specifically from the city called "LAVENDER BAY"

And a stored procedure took two arguments where CustomerId IS EQUAL TO First ARGUMENT VALUE and Order Year is greater than a year passed an argument.

THE SQL QUERIES ARE AS FOLLOWS:

```
Use AdventureWorks2017
CREATE PROC SP_Companyweb1_1_2
@PersonTitle varchar(20),
@orderDate date
AS
BEGIN
SELECT Title, FirstName, MiddleName, LastName
       FROM Person Person P
             JOIN Sales.SalesPerson SP ON SP.BusinessEntityID = P.BusinessEntityID
             JOIN Sales.SalesOrderHeader SOH ON SOH.SalesPersonID =
SP.BusinessEntityID
             JOIN Person.Address A ON A.AddressID = SOH.BillToAddressID
             WHERE SP.Bonus > 4000.00
             AND A.City = 'seattle'
             AND P.Title = @PersonTitle
             AND SOH.OrderDate = @orderDate
EXECUTE SP_Companyweb1_1_2 'Mr', '2010-01-01'
```



3.I Created a Function to calculate the number of orders made the store named ecommerce Bikes where orders were placed between Year 2011 and 2014.

A Function takes two parameters to further filter the data using Shipraye greater or equals to the value shipped as an argument.

ShipBase equals to the second value passed as an argument .

Lets look at the queries:

1	Busine 292	 ,10
2	292	
3	292	
4	292	
5	292	
6	292	
7	292	

Modified Date Custome 2014-09-12 11:15:07.497 29484 2014-09-12 11:15:07.497 29484 2014-09-12 11:15:07.497 29484 SalesPersonID Demographics Account Number rowguid A22517E3-848D-4EBE-B9D9-7437F3432304 SchoreSurvey xmins="http://schemas.microsoft.com... <StoreSurvey xmins="http://schemas.microsoft.com... <StoreSurvey xmins="http://schemas.microsoft.com...</p> 292 292 292 292 A24C1240-1A8D-427B-91E9-6197F 291 291 291 291 291 291 AW00029484 A22517E3-848D-4EBE-B9D9-7437F3432304 A22517E3-848D-4EBE-B9D9-7437F3432304 AW00029484 AW00029484 A24C1240-1A8D-427B-91E9-6197F A24C1240-1A8D-427B-91E9-6197F Store Survey xmlns="http://schemas.microsoft.com... storeSurvey xmlns="http://schemas.microsoft.com... storeSurvey xmlns="http://schemas.microsoft.com... A22517E3-848D-4EBE-B9D9-7437F3432304 2014-09-12 11:15:07.497 29484 A24C1240-1A8D-427B-91E9-6197F AW00029484 A22517E3-848D-4EBE-8909-7437F3432304 2014-09-12 11:15:07-497 29484 A22517E3-848D-4EBE-8909-7437F3432304 2014-09-12 11:15:07-497 29484 A22517E3-848D-4EBE-8909-7437F3432304 2014-09-12 11:15:07.497 29484 292 292 AW00029484 AW00029484 A24C1240-1A8D-427B-91E9-6197F A24C1240-1A8D-427B-91E9-6197F Next-Door Bike Store 279 291 292 AW00029484 A24C1240-1A8D-427B-91E9-6197F

Query executed successfully

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