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# **ASSIGNMENT 04**

**Question 1:**

**All procedures included in project.**

**1.**

CREATE PROCEDURE GetOrderDetails @OrderID INT

AS

BEGIN

SELECT orders.Order\_ID, orders.Order\_Date, customers.Customer\_Name, products.Product\_Name, OrderDetails.Quantity FROM Orders

JOIN Customers ON orders.Customer\_ID = Customers.Customer\_ID

JOIN OrderDetails ON orders.Order\_ID = OrderDetails.Order\_ID

JOIN Products ON OrderDetails.Product\_ID = Products.Product\_ID

WHERE orders.Order\_ID = @OrderID

END

exec GetOrderDetails @OrderID=1

**2.**

CREATE PROCEDURE GetCustomerOrderSummary @CustomerID INT

AS

BEGIN

SELECT Customers.Customer\_Name, SUM(OrderDetails.Quantity) AS TotalQuantity, SUM(Products.Price \* OrderDetails.Quantity) AS TotalPrice FROM Customers

JOIN Orders ON Customers.Customer\_ID = orders.Customer\_ID

JOIN OrderDetails ON OrderDetails.Order\_ID = orders.Order\_ID

JOIN Products ON OrderDetails.Product\_ID = products.Product\_ID

WHERE Customers.Customer\_ID = @CustomerID

GROUP BY Customers.Customer\_Name

END

exec GetCustomerOrderSummary @CustomerID= 10

**3.**

CREATE PROCEDURE GetOrdersByCategory

@CategoryID INT

AS

BEGIN

SELECT orders.Order\_ID, orders.Order\_Date, customers.Customer\_Name, products.Product\_Name, suppliers.Supplier\_Name FROM Orders

JOIN Customers ON orders.Customer\_ID = Customers.Customer\_ID

JOIN OrderDetails ON orders.Order\_ID = OrderDetails.Order\_ID

JOIN Products ON OrderDetails.Product\_ID = Products.Product\_ID

JOIN Suppliers ON Products.Supplier\_ID = Suppliers.Supplier\_ID

WHERE Products.Category\_ID = @CategoryID

END

ExEC GetOrdersByCategory @categoryid = 5

**4.**

CREATE PROCEDURE GetSupplierRevenue

AS

BEGIN

SELECT Supplier\_Name, SUM(Products.Price \* OrderDetails.Quantity) AS TotalRevenue FROM Suppliers

JOIN Products ON Suppliers.Supplier\_ID = Products.Supplier\_ID

JOIN OrderDetails ON Products.Product\_ID = OrderDetails.Product\_ID

GROUP BY Suppliers.Supplier\_Name

END

exec GetSupplierRevenue

**5.**

create proc proc1 @value int

as

begin

select sum(Price\*Quantity) as total\_amount from Products

join OrderDetails on OrderDetails.Product\_ID= Products.Product\_ID

WHERE products.Product\_ID = @value

end

exec proc1 @value=4