CODE :

CREATE PROCEDURE ProductsPro

AS

BEGIN

DECLARE @grand DECIMAL;

SET @grand = 0;

DECLARE C\_\_ursor CURSOR FOR

SELECT ProductName, QuantityInStock, UnitPrice FROM ProductTable;

OPEN C\_\_ursor;

DECLARE @Quant smallint, @Unitprice MONEY, @Totalamount DECIMAL, @Productname NVARCHAR(40);

FETCH NEXT FROM C\_\_ursor INTO @Productname, @Quant, @Unitprice;

WHILE @@FETCH\_STATUS = 0

BEGIN

IF (@Quant > 100)

BEGIN

SELECT @Totalamount = ((@Quant \* @Unitprice) - ((@Quant \* @Unitprice) \* 0.1));

END

ELSE IF (@Quant > 50)

BEGIN

SELECT @Totalamount = ((@Quant \* @Unitprice) - ((@Quant \* @Unitprice) \* 0.05));

END

ELSE

BEGIN

SELECT @Totalamount = (@Quant \* @Unitprice);

END

PRINT @Productname + ' - ' + FORMAT(@Totalamount,'N2');

SET @grand = @grand + @Totalamount;

FETCH NEXT FROM C\_\_ursor INTO @Productname, @Quant, @Unitprice;

END;

CLOSE C\_\_ursor;

DEALLOCATE C\_\_ursor;

-- Print the grand total

PRINT 'GRAND TOTAL : ' + CAST(@grand AS VARCHAR(10))

END;

EXEC ProductsPro

**SCREENSHOTS:**

1. **Products being displayed :**

**A screenshot of a computer

Description automatically generated**

1. **GrandTotal Display:**

**A screenshot of a computer

Description automatically generated**