**Task 1: Writing a Procedure (with no parameters)**

This is a simple program code.

Module Module1

    Sub Main()

Dim n As String

        Console.Write("Enter yourname:")

        n = Console.ReadLine

        Console.WriteLine("Welcome " & n & "!")

Console.ReadLine()

    End Sub

End Module

Convert the above code to write a separate subroutine that will do this operation. Remember to call the procedure in the **Sub Main()**.

Module Module1

    Sub Main()

'call the procedure here

WelcomeMsg()

Console.ReadLine()

    End Sub

    'defining sub-procedure

    Sub WelcomeMsg()

Dim n As String

Console.Write("Enter yourname:")

n = Console.ReadLine

Console.WriteLine("Welcome " & n & "!")

    End Sub

End Module

Note: the name of sub-procedure must start with a letter or underscore not a number

**Exercise 1:**

Here is a simple program to add two numbers together. This code would be within the **Sub Main()**. Modularise this program to add the numbers together using a ‘no parameter’ procedure.

Dim num1, num2, sum As Integer

Console.WriteLine("Enter First Number")

num1 = Console.ReadLine()

Console.WriteLine("Enter Second Number")

num2 = Console.ReadLine()

sum = num1 + num2

Console.WriteLine("Sum = {0}", sum)

Console.ReadLine()

Module Module1

    Sub Main()

'call the procedure here

Dim num1, num2 As Integer

Console.WriteLine("Enter First Number")

num1 = Console.ReadLine()

Console.WriteLine("Enter Second Number")

num2 = Console.ReadLine()

Calc()

    End Sub

'defining sub-procedure

Sub ()

    End Sub

End Module

**Task 2: Writing a Procedure (with parameters)**

**Program code for adding two numbers:**

Dim num1, num2, sum As Integer

Console.WriteLine("Enter First Number")

num1 = Console.ReadLine()

Console.WriteLine("Enter Second Number")

num2 = Console.ReadLine()

sum = num1 + num2

Console.WriteLine("Sum = {0}", sum)

Console.ReadLine()

**Here’s how we create a procedure with parameters:**

Module Module1

    Sub Main()

'call the procedure here

Dim num1, num2 As Integer

Console.WriteLine("Enter First Number")

num1 = Console.ReadLine()

Console.WriteLine("Enter Second Number")

num2 = Console.ReadLine()

Addition(num1, num2)

Console.ReadLine()

    End Sub

Sub Addition(ByVal num1 As Integer,ByVal num2 As Integer)

Dim sum As integer

Sum = num1 + num2

Console.WriteLine("Sum = {0}", sum)

End Sub

    End Sub

End Module