Tarea 2

1)

Module Module1

Sub Main()

Console.WriteLine("programa para ver los numeros impares del 1-40")

Dim contador = 0

While contador <= 40

If contador Mod 2 <> 0 Then

Console.WriteLine(contador)

Else Console.WriteLine(" ")

End If

contador = contador + 1

End While

Console.ReadLine()

End Sub

End Module

2)

Module Module1

Sub Main()

Console.WriteLine(" suma de numeros enteros")

Dim conta = 0

Dim suma = 0

Console.WriteLine(" escriba un numero para sumar todos sus numeros enteros")

Dim enteros As Integer = Console.ReadLine

While conta < enteros

conta = conta + 1

suma = suma + conta

End While

Console.WriteLine("la suma del numero proporcionado " & enteros & " es " & suma)

Console.ReadLine()

End Sub

End Module

3)

Module Module1

Sub Main()

Dim num

Console.WriteLine("adivinanza de un numero")

Dim numGenerado As Int16 = New Random().Next(11)

Do

Console.WriteLine("escriba un numero para adivinar aver si el que el programa proporciono entre 0-10")

num = Console.ReadLine

If numGenerado <> num Then

Console.WriteLine("suerte a la proxima precione enter para continuar ")

ElseIf numGenerado = num Then

Console.WriteLine("que buena suerte")

End If

Console.ReadLine()

Loop

End Sub

End Module

4) factorial

Module Program

Sub Main()

Dim a, b As Integer

Dim d As Integer = 1

Dim c As Integer = 1

Console.WriteLine("ingrese un numero para saber su factorial")

a = Console.ReadLine()

For b = 1 To a

d = d \* c

c = c + 1

Next

Console.WriteLine(d)

Console.ReadLine()

End Sub

End Module

5) tablas de multiplicar

Module Program

Sub Main()

Dim b As Integer

Dim a As Integer = 10

Dim d As Integer = 1

Dim c As Integer = 1

Dim h As Integer

Console.WriteLine("ingrese un numero para mostrar la tabla de multiplicacion")

Dim k = Console.ReadLine()

For b = 1 To a

h = d \* k

Console.WriteLine(d & "\*" & k & "=" & h)

d = d + 1

Next

Console.ReadLine()

End Sub

End Module

6) Module Program

Sub Main()

' programa para poner palabra al rebes'

Console.WriteLine("escriba la palabra")

Dim palabra As String = Console.ReadLine()

Dim x = palabra.Length() - 1

For index = 0 To x

Console.Write(palabra(x))

x = x - 1

Next

Console.ReadLine()

End Sub

End Module

7) Module Program

Sub Main()

Console.WriteLine("estudiantes de POO1")

Dim poo1 As New List(Of String) From {"glenda garcia", "kevin flores", "mauricio ramirez", "fernando antonio", "gerardo alvarado", "geovany santos"}

For Each estudiantes As String In poo1

Console.WriteLine(estudiantes)

Next

Console.ReadLine()

End Sub

End Module

8)

Module Program

Sub Main()

Console.WriteLine("ingrese una palabra o frase")

Dim frase As String = Console.ReadLine()

Dim conta As Integer = 1

For Each palabra As String In frase

If palabra = " " Then

conta = conta + 1

End If

Next

Console.WriteLine(" la frase " & frase & " tiene " & conta & " palabras")

For Each palabra As String In frase.Split()

Console.WriteLine("la palabra " & palabra & " tiene " & palabra.Length & " letras")

Next

Console.ReadLine()

End Sub

End ModuleModule Program

Sub Main()

Console.WriteLine("ingrese una palabra o frase")

Dim frase As String = Console.ReadLine()

Dim conta As Integer = 1

For Each palabra As String In frase

If palabra = " " Then

conta = conta + 1

End If

Next

Console.WriteLine(" la frase " & frase & " tiene " & conta & " palabras")

For Each palabra As String In frase.Split()

Console.WriteLine("la palabra " & palabra & " tiene " & palabra.Length & " letras")

Next

Console.ReadLine()

End Sub

End Module

9)

Module Program

Sub Main()

Console.WriteLine("el areglo 1 es {5, 3, 1}")

Console.WriteLine("el areglo 2 es 3, 4, 2}")

Console.WriteLine("")

Dim areglo1() As Integer = {5, 3, 1}

Dim areglo2() As Integer = {3, 4, 2}

For a = 0 To areglo1.Length - 1

Dim nom As Integer = areglo1(a)

Dim contador = 0

Console.WriteLine("")

For b = 0 To areglo2.Length - 1

Dim nom2 As Integer = areglo2(b)

Dim suma As Double = (nom + nom2)

Console.WriteLine(" la suma es " & suma)

Next

Console.WriteLine()

For b = 0 To areglo2.Length - 1

Dim nom2 As Integer = areglo2(b)

Dim resta As Double = (nom - nom2)

Console.WriteLine(" la resta es " & resta)

Next

Console.WriteLine("")

For b = 0 To areglo2.Length - 1

Dim nom2 As Integer = areglo2(b)

Dim multiplicacion As Double = (nom \* nom2)

Console.WriteLine(" la multiplicacion es es " & multiplicacion)

Next

Console.WriteLine("")

For b = 0 To areglo2.Length - 1

Dim nom2 As Integer = areglo2(b)

Dim divicion As Double = (nom / nom2)

Console.WriteLine(" la divicion es " & divicion)

Next

Console.ReadLine()

Next

End Sub

End Module