**Training 4:**

1. ExitExample

Sub ExitExample()

Dim counter, myNum

counter = 0

myNum = 9

''''''''''''''''''''Till it attatins True

Do Until myNum = 10

myNum = myNum - 1

counter = counter + 1

If myNum < 10 Then Exit Do

Loop

MsgBox "The loop made " & counter & " repetitions."

End Sub

1. ChkFirstWhile

''Loop untill the condition becomes False

Sub ChkFirstWhile()

Dim counter, myNum

counter = 0

myNum = 20

Do While myNum > 10

myNum = myNum - 1

counter = counter + 1

Loop

MsgBox "The loop made " & counter & " repetitions."

End Sub

1. ChkLastWhile

Sub ChkLastWhile()

Dim counter, myNum

counter = 0

myNum = 20

Do

myNum = myNum - 1

counter = counter + 1

Loop While myNum > 10

MsgBox "The loop made " & counter & " repetitions."

End Sub

1. TwosTotal

Sub TwosTotal()

Dim j, total

For j = 2 To 10 Step 2

total = total + j

Next

MsgBox "The total is " & total

End Sub

1. NewTotal

Sub NewTotal()

Dim myNum, total

For myNum = 15 To 2 Step -2

total = total + myNum

Next

MsgBox "The total is " & total

End Sub

1. '''Array()

arr=Array(1,2,3,4,5)

msgbox arr(0)

msgbox arr(4)

arr=Split("Works;tation;Welcome",";")

msgbox LBound(arr)

'

msgbox UBound(arr)

For i=LBound(arr) To UBound(arr)

msgbox arr(i)

Next

Dim str1(1)

str1(0)="WorkStation"

str1(1)="Team"

msgbox Join(str1,"&")

str1=Work

str2=Station

msgbox str1 & str2

If cond1=cond2 Then

ElseIf cond3=cond4 Then

Else

End If

color="blue"

ChangeBackground(color)

Dim Color, MyVar

Sub ChangeBackground (Color)

MyVar = lcase (Color)

Select Case MyVar

Case "red" msgbox "red"

Case "green" msgbox "green"

Case "blue" msgbox "blue"

Case Else MsgBox "pick another color"

End Select

End Sub

''''''''''''''''''''''''''''''''Static Way of taking number of woking days

mnth = Month(now)

msgbox mnth

If mnth=3 Then

msgbox " Selected month " & Monthname(mnth)

strtdt="03/01/" & Year(now)

dt= Day(now)

currdt="03/"& dt & "/" & year(now)

diff= Datediff("d",strtdt,currdt)

End If

For j=1 To diff

dt1= "03/" & j & "/" & Year(now)

wkday= weekDay(dt1)

If wkday = 1 OR wkday=7 Then

Else

inc=inc+1

End If

Next

msgbox "Number of working days" & inc

''''''''''''''''''''''''''''''''Dyanmic Way of taking number of wokring days

mnth = Month(now)

msgbox mnth

msgbox " Selected month " & Monthname(mnth)

If Len(mnth)=2 Then

Else

mnth="0" & mnth

End If

strtdt= mnth & "/01/" & Year(now)

dt= Day(now)

currdt=mnth & "/"& dt & "/" & year(now)

diff= Datediff("d",strtdt,currdt)

For j=1 To diff

dt1= mnth & "/" & j & "/" & Year(now)

wkday= weekDay(dt1)

If wkday = 1 OR wkday=7 Then

Else

inc=inc+1

End If

Next

msgbox "Number of working days" & inc