

Private Sub Calculate_Click()

If Val(DropH.Text) > 10 Then

MsgBox " Invalid Value ! Please enter a valid value equal to or less than 10m "

TDist.Caption = ""

TBounces.Caption = ""

DropH.Text = "0"

TDist.Visible = False

TBounces.Visible = False

LabelTotalD.Visible = False

Metres2.Visible = False

LabelTBounces.Visible = False

End If

If (Val(DropH.Text) >= 0.01) And (Val(DropH.Text) < 10) Or (Val(DropH.Text) = 10) Then

TDist.Caption = ""

TBounces.Caption = ""

TDist.Visible = True

TBounces.Visible = True

LabelTotalD.Visible = True

Metres2.Visible = True

LabelTBounces.Visible = True

Do While DropH > 0.01

TBounces.Caption = Val(TBounces.Caption) + 1

TDist.Caption = Format(Round(Val(TDist.Caption) + Val(DropH.Text) + (3 / 4) * Val(DropH.Text), 2), "#.##")

DropH.Text = (3 / 4) * Val(DropH.Text)

Loop

DropH.Text = "0"

End If

End Sub

Private Sub Instructions_Click()

MsgBox "To calculate the total distance the ball travels and total number of times the ball bounces when dropped from a specified height, press the button labelled 'Calculate'. To enter the specified height, click on the text box between the labels which have 'Height Dropped' and 'Metres' written on them."

End Sub

Private Sub Reset_Click()

TDist.Visible = False

TBounces.Visible = False

LabelTotalD.Visible = False

Metres2.Visible = False

LabelTBounces.Visible = False

TDist.Caption = ""

TBounces.Caption = ""

DropH.Text = "0"

End Sub

Private Sub About_Click()

MsgBox "Created by David Charkey (2015)"

End Sub

Private Sub Quit_Click()

End

End Sub