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1 'Nathan Comstock
2 'RCET0265
3 'Spring 2020
4 'EtchASketch
5 'https://github.com/comsnath/NC-VS-S20
6
7
8 Public Class EtchASketch
9
10     'Create Variables
11     Dim color As Color
12     Dim drawingTool As New Pen(Color.Blue)
13     Dim oX As Integer
14     Dim oY As Integer
15     Dim graph As Graphics
16
17
18     Private Sub PictureBox1_MouseMove(sender As Object, e As MouseEventArgs) Handles SketchArea.MouseMove
19         'Changes Form Title to X, Y, and Mouse Click
20         Me.Text = "X: " & e.X & " Y: " & e.Y & " Mouse Button: " & e.Button.ToString
21
22
23         'Create Graph
24         graph = SketchArea.CreateGraphics
25
26         'Draw Line
27         If e.Button.ToString <> "None" Then
28             graph.DrawLine(drawingTool, oX, oY, e.X, e.Y)
29         End If
30
31         'Allows for drawing, moves the center point of the line.
32         oX = e.X
33         oY = e.Y
34     End Sub
35
36     Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles ExitButton.Click
37         Me.Close()
38     End Sub
39
40     Private Sub EraseButton_Click(sender As Object, e As EventArgs) Handles EraseButton.Click
41         'Prevents it from going off-screen
42         Dim buffer = Me.Top
43
44         'Shake the screen
45         For i = 1 To 4
46             For j = 1 To 2000000
47                 If j < 1000000 Then
48                     Me.Top = buffer - 80
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49         Else
50             Me.Top = buffer
51         End If
52     Next
53 Next
54
55 '
56 graph.Clear(BackColor)
57 End Sub
58
59 Private Sub ColorButton_Click(sender As Object, e As EventArgs) Handles ColorButton.Click
60     'Show Color Wheel
61     ColorDialog.ShowDialog()
62
63     'Change Pen Color
64     color = ColorDialog.Color
65     drawingTool.Color = color
66 End Sub
67
68 Private Sub DrawButton_Click(sender As Object, e As EventArgs) Handles DrawButton.Click
69     DrawButton.Click
70     MsgBox("Unsupported Feature.")
71 End Sub
72 End Class
```