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Public Sub DrawLineObjects()

Dim dblStart(2) As Double
Dim dblEnd(2) As Double
Dim startPoint As Point
Dim endPoint As Point
Dim objEnt As AcadLine
Dim points As Variant
Dim k As Integer

Set points = GetRectangle()
'Set points = GetStar()
'Set points = GetPolygon(100, 5)

For i = 1 To points.count

    Set startPoint = points(i)

    If (i = points.count) Then
        Set endPoint = points(i)
    Else
        Set endPoint = points(i + 1)
    End If

    dblStart(0) = startPoint.X: dblStart(1) = startPoint.Y: dblStart(2) = 0
    dblEnd(0) = endPoint.X: dblEnd(1) = endPoint.Y: dblEnd(2) = 0

    ThisDrawing.Utility.Prompt ("x: " & CStr(startPoint.X) & "y: " & CStr(startPoint.Y)) & vt
    Set objEnt = ThisDrawing.ModelSpace.AddLine(dblStart, dblEnd)
    objEnt.Update

Next

End Sub

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Function GetRectangle() As Collection

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Dim pnt1 As New Point
Dim pnt2 As New Point
Dim pnt3 As New Point
Dim pnt4 As New Point
Dim points As New Collection

pnt1.SetCoordinates 0, 0, 0
pnt2.SetCoordinates 0, 10, 0
pnt3.SetCoordinates 10, 10, 0
pnt4.SetCoordinates 10, 0, 0

points.Add pnt1
points.Add pnt2
points.Add pnt3
points.Add pnt4

Set GetRectangle = points

End Function

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