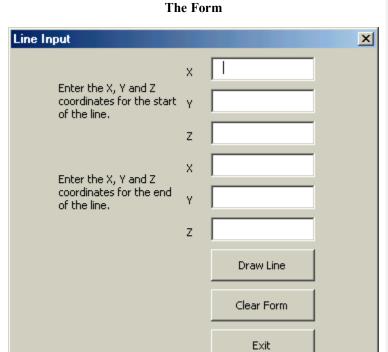
Draw a Basic Line Program



The Instructions

Under the General Declarations section of the code, write the subroutine CreateLine.

Add the code to the cmdClear subroutine.

Add the code to the cmdExit subroutine.

Add the code *CreateLine* to the cmdDrawLine subroutine.

Go to Insert Module and type: Sub DrawLine () FrmLineInput.Show End Sub

Sub CreateLine() 'define the starting and ending point arravs Dim startpoint(0 To 2) As Double Dim Endpoint(0 To 2) As Double 'let the point positions 0 1 and 2 accept data from the textboxes startpoint(0) = txtStartpointXstartpoint(1) = txtStartpointYstartpoint(2) = txtStartpointZEndpoint(0) = txtEndpointXEndpoint(1) = txtEndpointYEndpoint(2) = txtEndpointZ'Execute the line With ThisDrawing.ModelSpace .AddLine startpoint, Endpoint

.Item(.Count - 1).Update

End With End Sub

The Code

```
Private Sub cmdClear_Click()
'clear the form
  txtStartpointX = ""
  txtStartpointY = ""
  txtStartpointZ = ""
  txtEndpointX = ""
  txtEndpointY = ""
  txtEndpointZ = ""
```

Private Sub cmdDrawline_Click()
'draw the line
CreateLine
End Sub

Private Sub cmdExit_Click()
'unload and end program
Unload Me
End
End
End Sub