Draw a Stamping Program

The Form

The Instructions
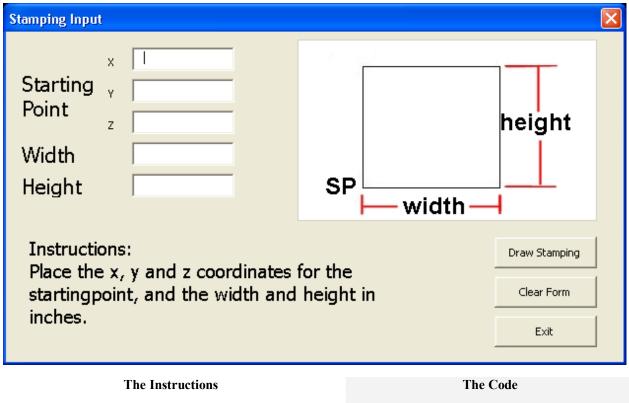
Add the code to the cmdClear subroutine.

Add the code to the cmdExit subroutine.

Add the code *CreateStamping* to the cmdDrawStamping subroutine.

Go to Insert Module and type:
```
Sub DrawStamping()
     FrmStampingInput.Show
End Sub
```

The Code

```
Private Sub cmdClearform_Click()
'clear the form
    txtStartingpointX = "0.00"
    txtStartingpointY = "0.00"
    txtStartingpointZ = "0.00"
    txtWidth = ""
    txtHeight = ""
End Sub

Private Sub cmdDrawStamping_Click()
'draw the stamping
    CreateStamping
End Sub

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

More Instructions	More Code

Under the General Declarations section of the code, write the subroutine CreateStamping.	<pre>Sub CreateStamping()
	'define the starting and ending point arrays
	    Dim Startingpoint(0 To 2) As Double
	    Dim P2(0 To 2) As Double
	    Dim P3(0 To 2) As Double
	    Dim P4(0 To 2) As Double
	    Dim Width As Double
	    Dim Height As Double
	
	'let the point positions 0 1 and 2 accept data from the textboxes
	    Startingpoint(0) = txtStartingpointX
	    Startingpoint(1) = txtStartingpointY
	    Startingpoint(2) = txtStartingpointZ
	    Width = txtWidth
	    Height = txtHeight
	    P2(0) = Startingpoint(0) + Width
	    P2(1) = Startingpoint(1)
	    P2(2) = Startingpoint(2)
	    P3(0) = Startingpoint(0) + Width
	    P3(1) = Startingpoint(1) + Height
	    P3(2) = Startingpoint(2)
	    P4(0) = Startingpoint(0)
	    P4(1) = Startingpoint(1) + Height
	    P4(2) = Startingpoint(2)
	'Execute the stamping
	    With ThisDrawing.ModelSpace
	        .AddLine Startingpoint, P2
	        .AddLine P2, P3
	        .AddLine P3, P4
	        .AddLine P4, Startingpoint
	        .Item(.Count - 1).Update
	    End With
	End Sub</pre>