

```
Dim seatingchart As String
Dim array(14, 29)
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
    Call displaycolumns()
    Call displayrows()
    Call makechart()
    Call displayseatchart()
End Sub
Sub displaycolumns()
    Dim index As Integer
    For index = 1 To 30
        lblcolumns.Text &= index & " "
    Next
End Sub
Sub displayrows()
    Dim index As Integer
    For index = 1 To 15
        lblrows.Text &= "Row" & " " & index & vbCrLf
    Next
End Sub
Sub displayseatchart()
    Dim i As Integer
    Dim j As Integer
    seatingchart = ""
    For i = 0 To 14
        For j = 0 To 29
            seatingchart &= array(i, j) & " " & " " & " "
        Next
        seatingchart &= vbCrLf
    Next
    lblseats.Text = seatingchart
End Sub
Sub makechart()
    Dim i As Integer
    Dim j As Integer
    For i = 0 To 14
        For j = 0 To 29
            array(i, j) = "*" & vbTab
        Next
    Next
End Sub
Sub userinput()
    Dim column As Integer
    Dim row As Integer
    column = txtcolumn.Text
    row = txtrow.Text
    If row - 1 > 15 Then
        MessageBox.Show("Enter row number between 1 and 15")
    End If
    If column - 1 > 30 Then
        MessageBox.Show("Enter column number between 1 and 30")
    End If
    If row - 1 <= 15 And column - 1 <= 30 Then
        array(row - 1, column - 1) = "X"
        Call displayseatchart()
    End If
End Sub

Private Sub btnok_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles btnok.Click
    Call userinput()
End Sub
End Class
```