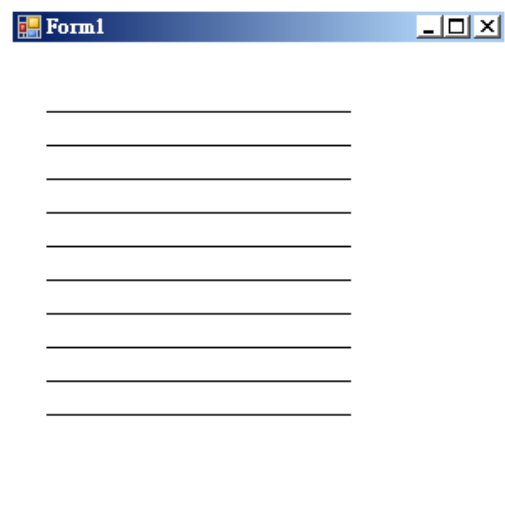
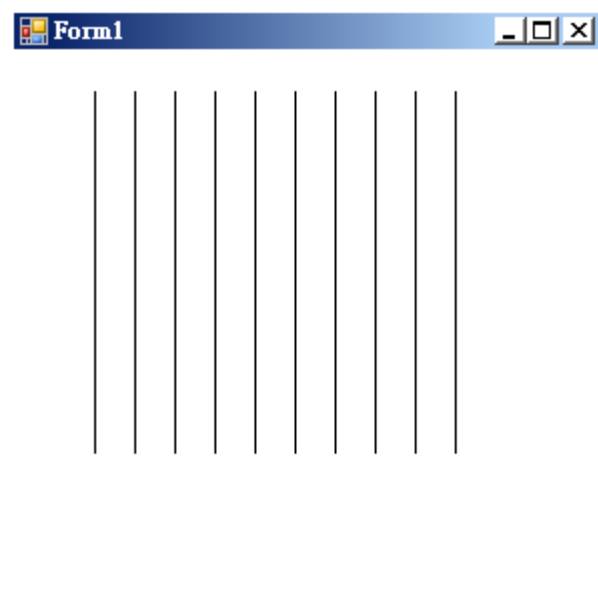


## 0424VB 作業

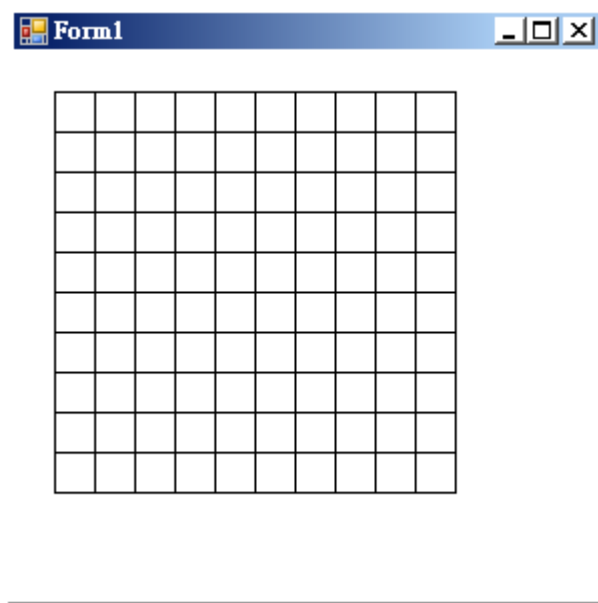
一.請問要畫水平線其用 FOR...NEXT 迴圈應如何寫?



二.請問要畫垂直線其用 FOR...NEXT 迴圈應如何寫?



三.水平和垂直代表的格線如何表現圖形



參考程式(此為 vb2008 版本,請參考之)

```
Public Class Form1
```

```
    Dim i, j As Integer
```

```
    Private Sub Form1_Paint(ByVal sender As Object, ByVal e As
```

```
System.Windows.Forms.PaintEventArgs) Handles Me.Paint
```

```
        For i = 0 To 10
```

```
            e.Graphics.DrawLine(Pens.Black, 20 + i * 20, 20, 20 + i * 20, 220)
```

```
        Next
```

```
        For j = 0 To 10
```

```
            e.Graphics.DrawLine(Pens.Black, 20, 20 + j * 20, 220, 20 + j * 20)
```

```
        Next
```

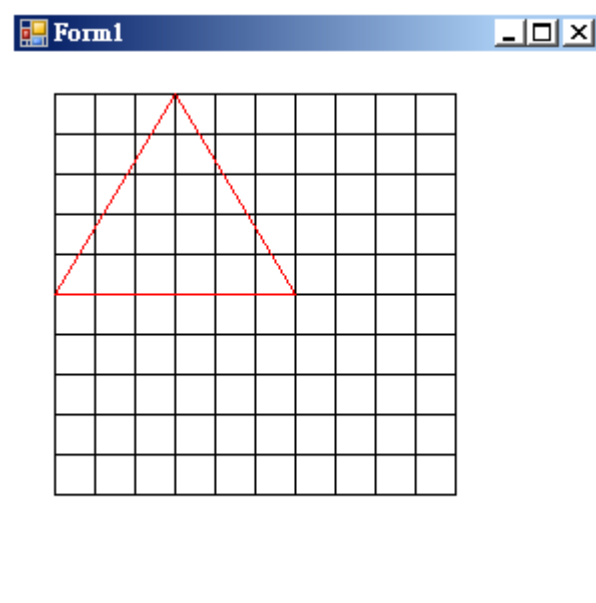
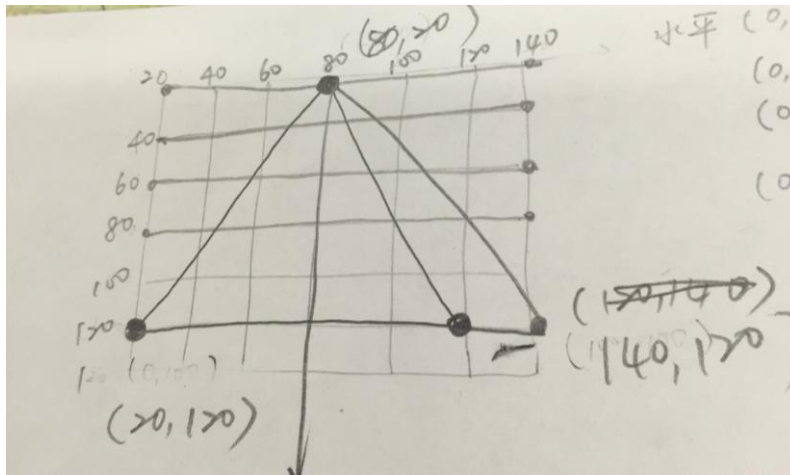
```
    End Sub
```

```
End Class
```

四.請練習設計畫一個三角形

先用手稿再調整

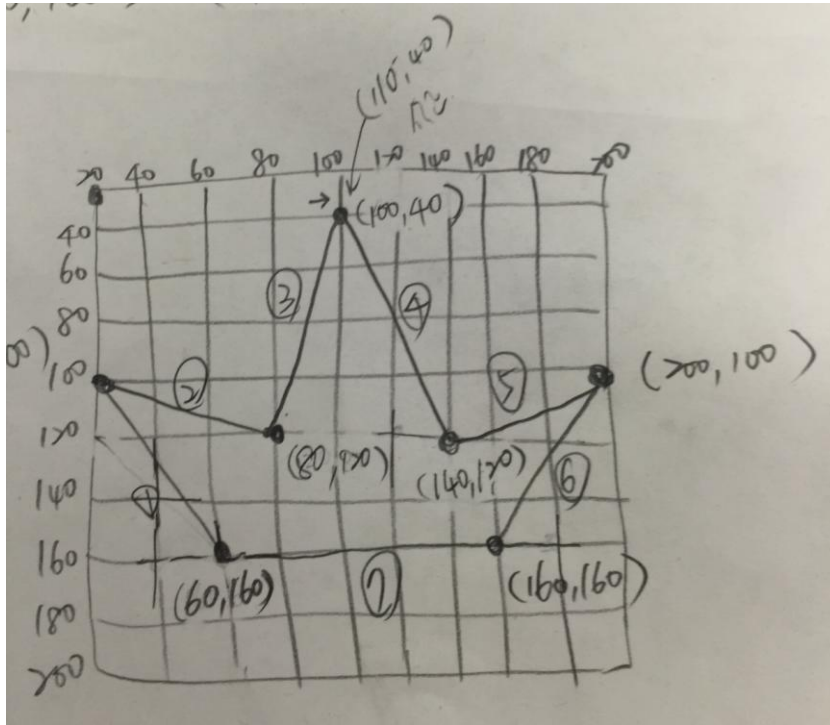
如下



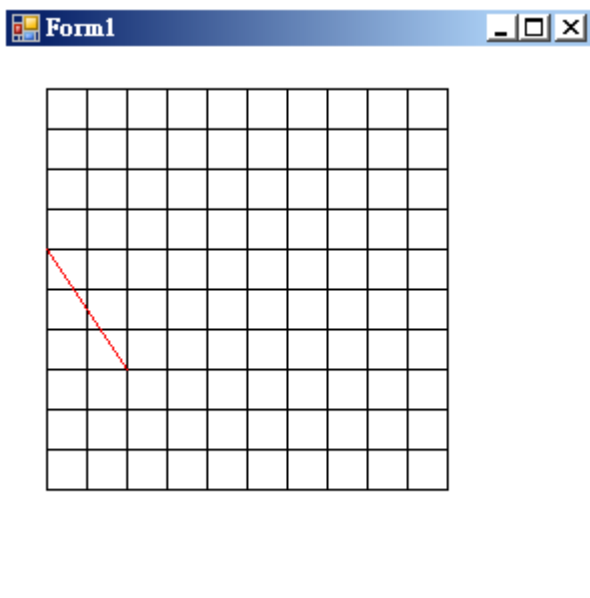
```
e.Graphics.DrawLine(Pens.Red, 20, 120, 80, 20)
e.Graphics.DrawLine(Pens.Red, 80, 20, 140, 120)
e.Graphics.DrawLine(Pens.Red, 20, 120, 140, 120)
```

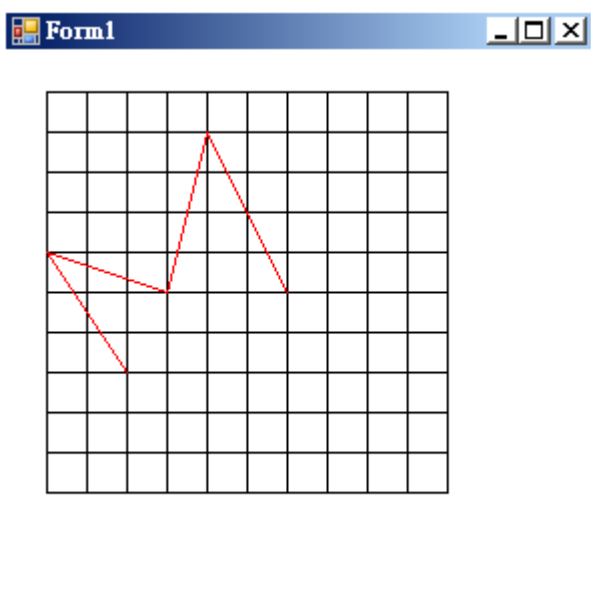
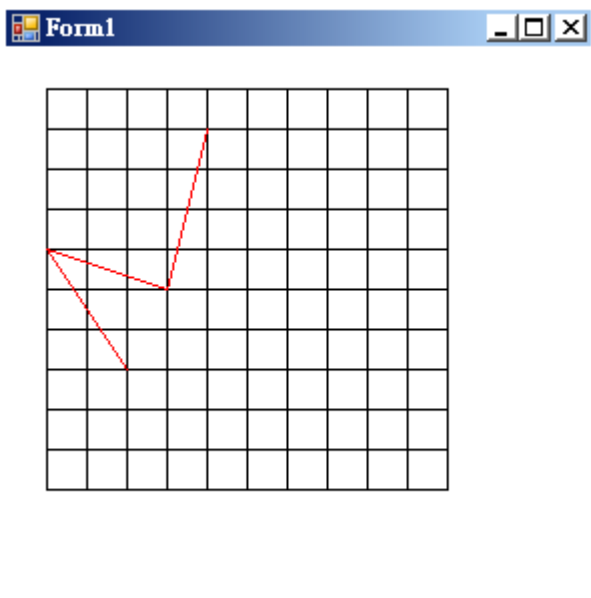
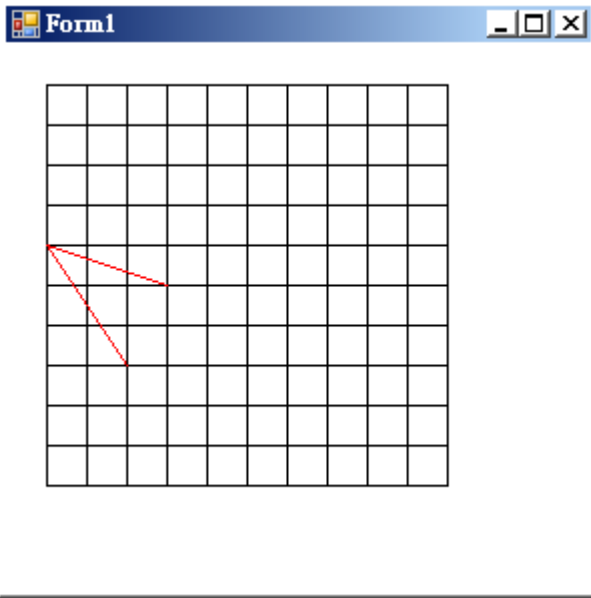
四.請設計一個圖形如課本 P111 之皇冠圖,即一筆呈現,並將其程式設計出來,實作參考如下

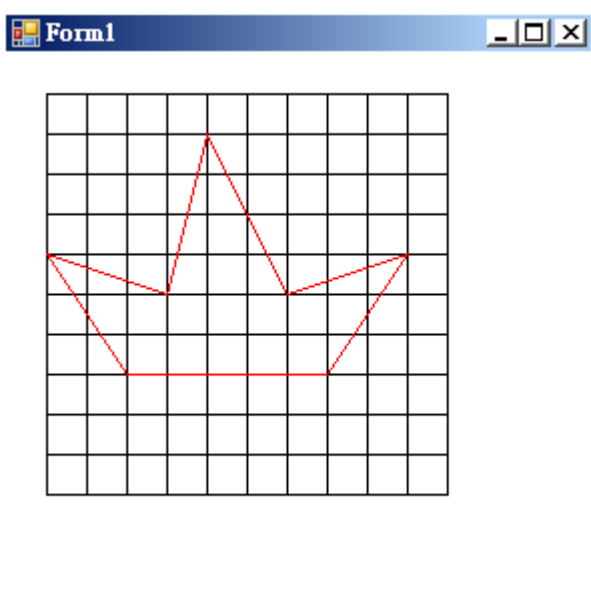
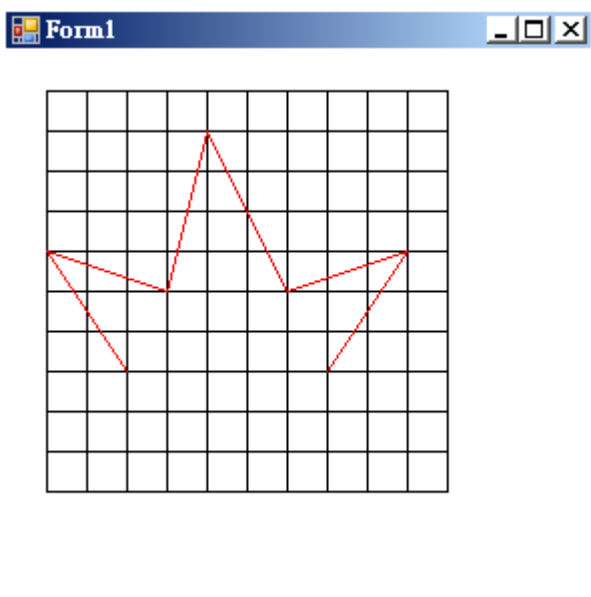
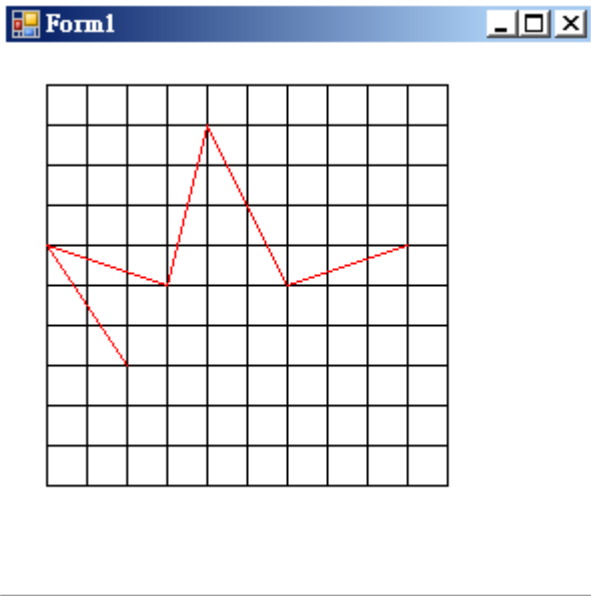
0.先用手稿,若可將手稿拍出如下



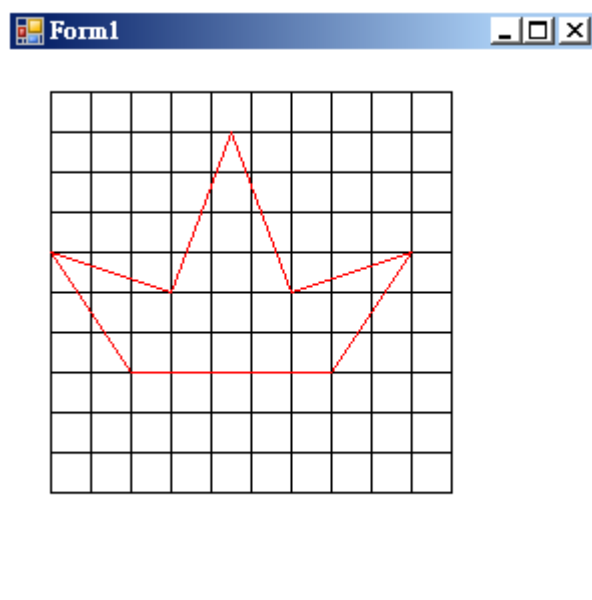
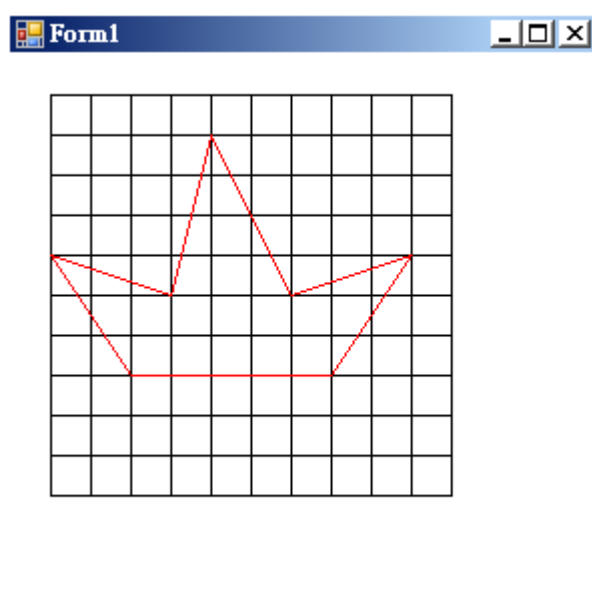
- 1.請將其座標點先列出
- 2.每畫一條線就先執行看看,不要全部畫完







再微調一下中間值



```
e.Graphics.DrawLine(Pens.Red, 60, 160, 20, 100)
    e.Graphics.DrawLine(Pens.Red, 20, 100, 80, 120)
    e.Graphics.DrawLine(Pens.Red, 80, 120, 110, 40)
    e.Graphics.DrawLine(Pens.Red, 110, 40, 140, 120)
    e.Graphics.DrawLine(Pens.Red, 140, 120, 200, 100)
    e.Graphics.DrawLine(Pens.Red, 200, 100, 160, 160)
    e.Graphics.DrawLine(Pens.Red, 60, 160, 160, 160)
```

五.請自行設計圖案,並將圖案完成

