

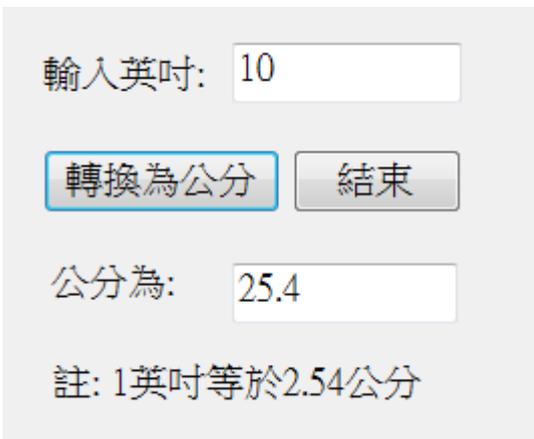
108-1 資一甲班程式語言與設計第一次期中考試題

1. 在 VB 裡設計一個數字鍵的表單如下：(30%)



A numeric keypad form consisting of a 4x3 grid of buttons. The first three rows contain buttons for digits 1-9. The fourth row contains a button for '0' and a button for 'End'.

2. 設計一個輸入英寸轉為公分的程式，畫面如下：(30%)



A form for converting inches to centimeters. It features an input field labeled '輸入英吋:' with the value '10'. Below it are two buttons: '轉換為公分' (highlighted) and '結束'. Below the buttons is an output field labeled '公分為:' with the value '25.4'. At the bottom, there is a note: '註: 1英吋等於2.54公分'.

註 1:測試資料為輸入 10，輸入要為 25.4

註 2:結束按鈕一按，則程式要結束執行。

3. 設計一個輸入英寸轉為公分的程式，畫面如下：(40%)



A form for calculating the volume of a sphere. It features an input field labeled '輸入半徑:' with the value '12'. Below it are two buttons: '求球體積' (highlighted) and '結束'. Below the buttons is an output field labeled '體積為:' with the value '7234.56'. At the bottom, there is a note: '註: 球體積為 四分之三*圓周率*半徑的3次方' and '圓周率為3.14'.

註 1:測試資料為輸入 12，輸入要為 7234.56

註 2:結束按鈕一按，則程式要結束執行。