

視窗程式範例 (迴圈練習) (Cont.)

標籤

文字欄位

按鈕

文字區塊

The image shows a Java Swing IDE interface. The main window, titled 'mainPanel [JPanel] - 屬性', displays a design view of a window. The window has a title bar with 'File' and 'Help' menus. Inside, there is a text label '請輸入要顯示的字元:' followed by a text field, a 'Show' button, and an 'Exit' button. Below this, there is another text label '要顯示的高度:' followed by a text field, and a '清除' (Clear) button. A large text area labeled '結果' (Result) is at the bottom. The IDE's right sidebar shows a '調色板' (Palette) with various Swing components like 'Swing 容器' (Containers) and 'Swing 控制項' (Controls). The 'mainPanel [JPanel] - 屬性' (mainPanel [JPanel] - Properties) panel is open, showing the 'Properties' tab with fields for 'background', 'border', 'foreground', 'toolTipText', and 'Other Properties' like 'UIClassID'.

mainPanel [JPanel] - 屬性

屬性 Binding Events Code

Properties

background [240,240,240]

border (無邊框) [240,240,240]

foreground [0,0,0]

toolTipText null

Other Properties

UIClassID PanelUI

mainPanel [JPanel]

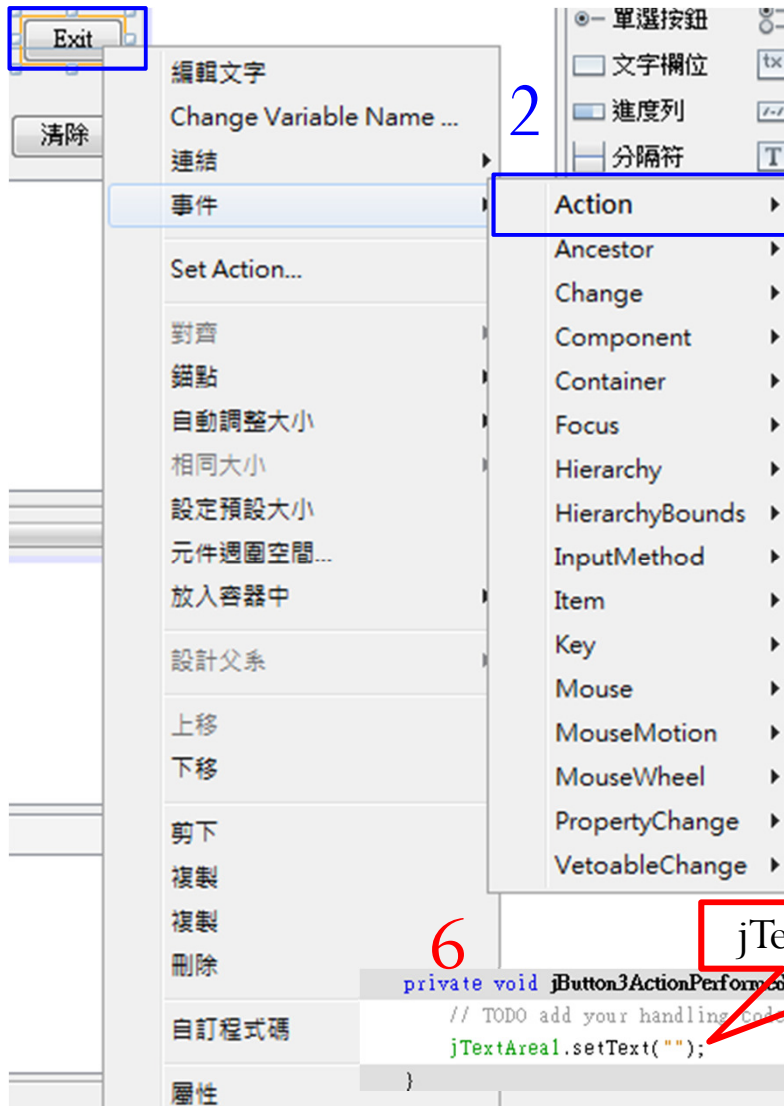
視窗程式範例 (迴圈練習) (Cont.)

3

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    System.exit(0);  
}
```

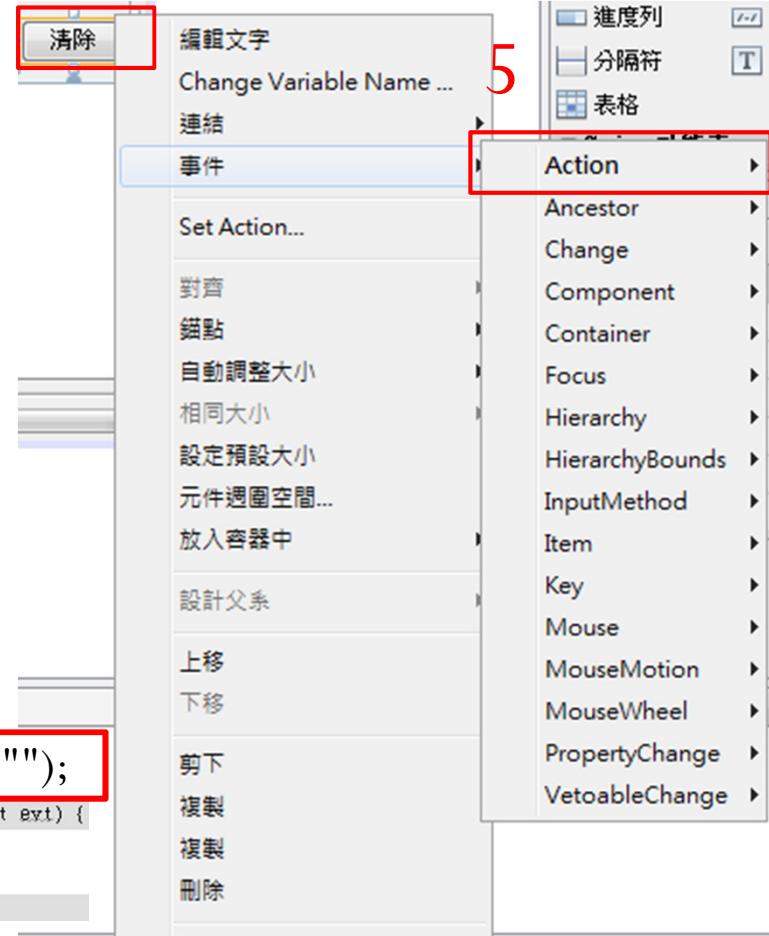
System.exit(0);

1



2

4



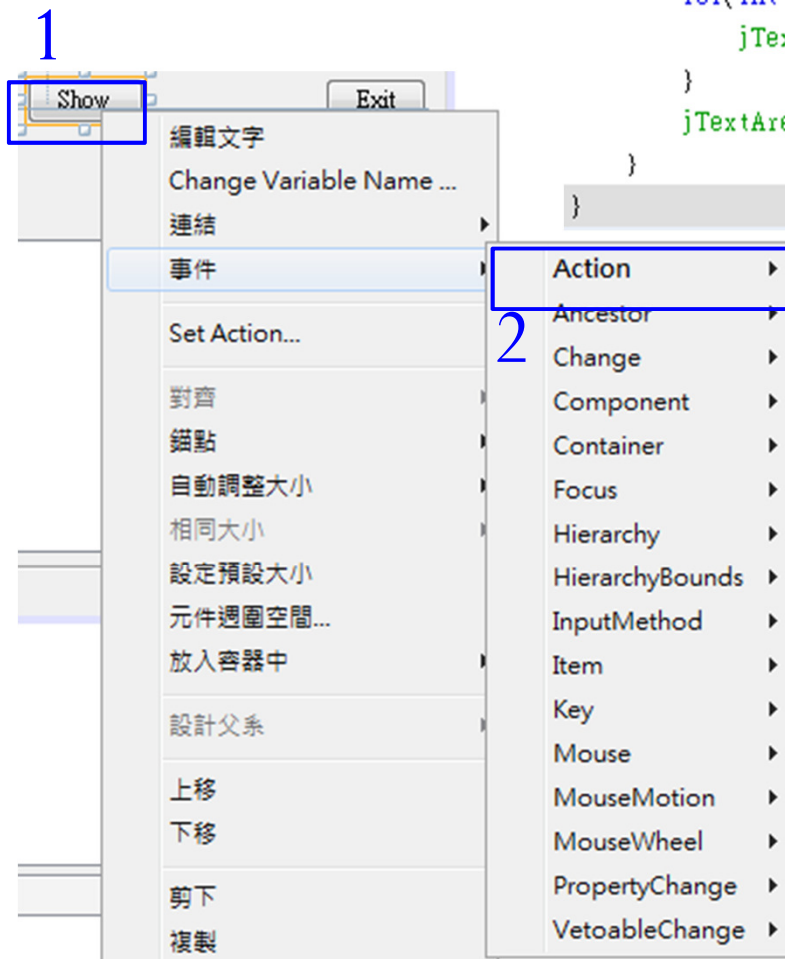
5

6

jTextArea1.setText("");

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    jTextArea1.setText("");  
}
```

視窗程式範例 (迴圈練習) (Cont.)



3

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    int n = Integer.parseInt(jTextField2.getText()); //從 jTextField2抓資料轉換成高整數放到n  
    String str = jTextField1.getText(); //從 jTextField 中取得要顯示的字  
    for(int i=0; i<n; i++){ // 外迴圈, 從 0 開始到 n-1 為止, 每次 i 增加 1  
        for(int j=0; j<=i; j++){ // 內迴圈, 從 0 開始到 n-1 為止, 每次 i 增加 1  
            jTextArea1.append(str); //在 jTextArea1裡加入顯示的字  
        }  
        jTextArea1.append("\n"); // 換行  
    }  
}
```

```
int n = Integer.parseInt(jTextField2.getText()); //從 jTextField2抓資料轉換成高整數放到n  
String str = jTextField1.getText(); //從 jTextField 中取得要顯示的字  
for(int i=0; i<n; i++){ // 外迴圈, 從 0 開始到 n-1 為止, 每次 i 增加 1  
    for(int j=0; j<=i; j++){ // 內迴圈, 從 0 開始到 n-1 為止, 每次 i 增加 1  
        jTextArea1.append(str); //在 jTextArea1裡加入顯示的字  
    }  
    jTextArea1.append("\n"); // 換行  
}
```