

# Class 4



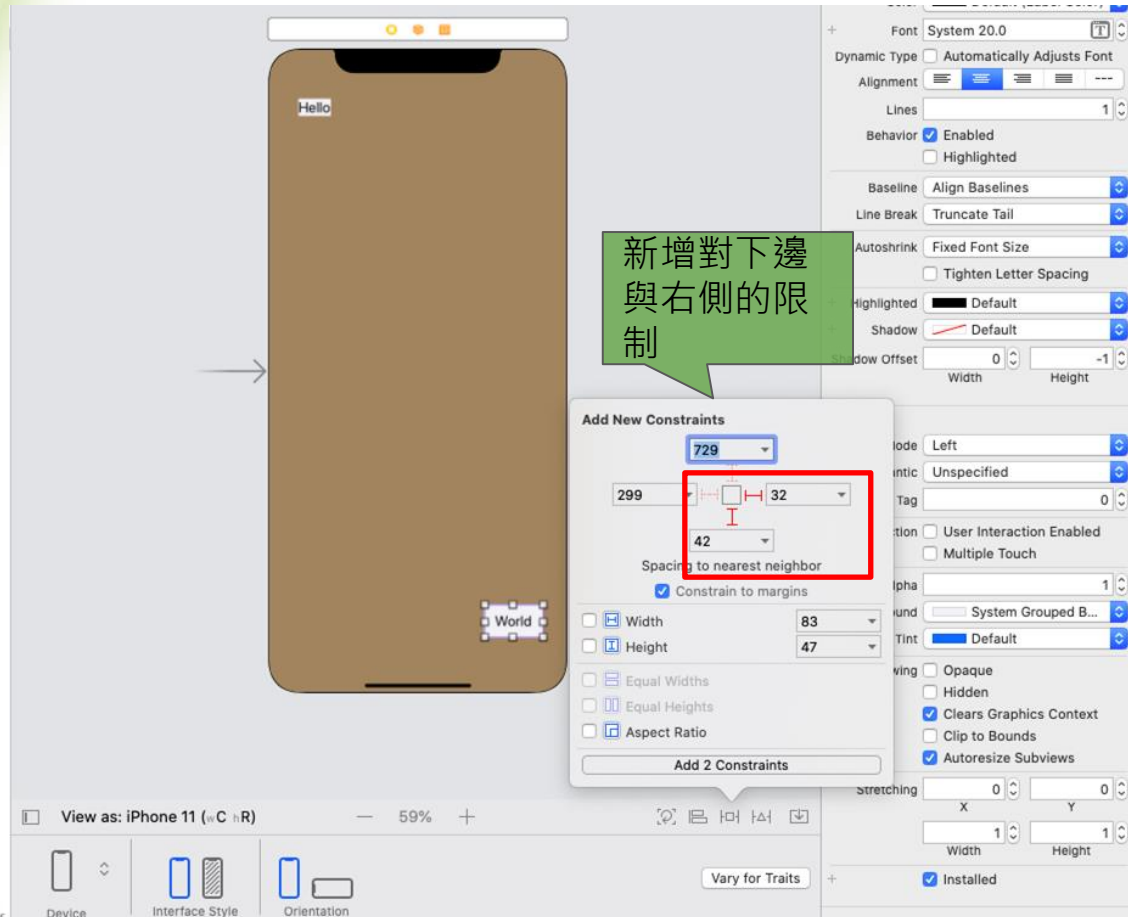
# Auto Layout



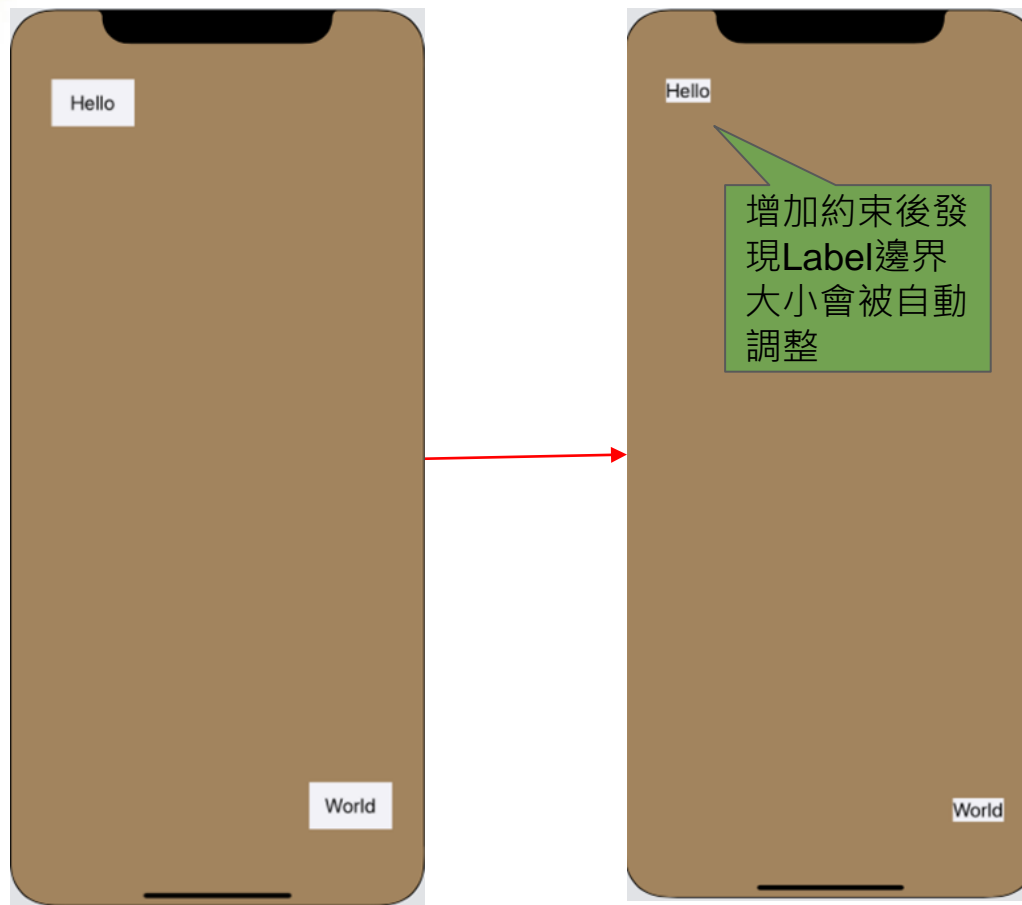
# Auto Layout



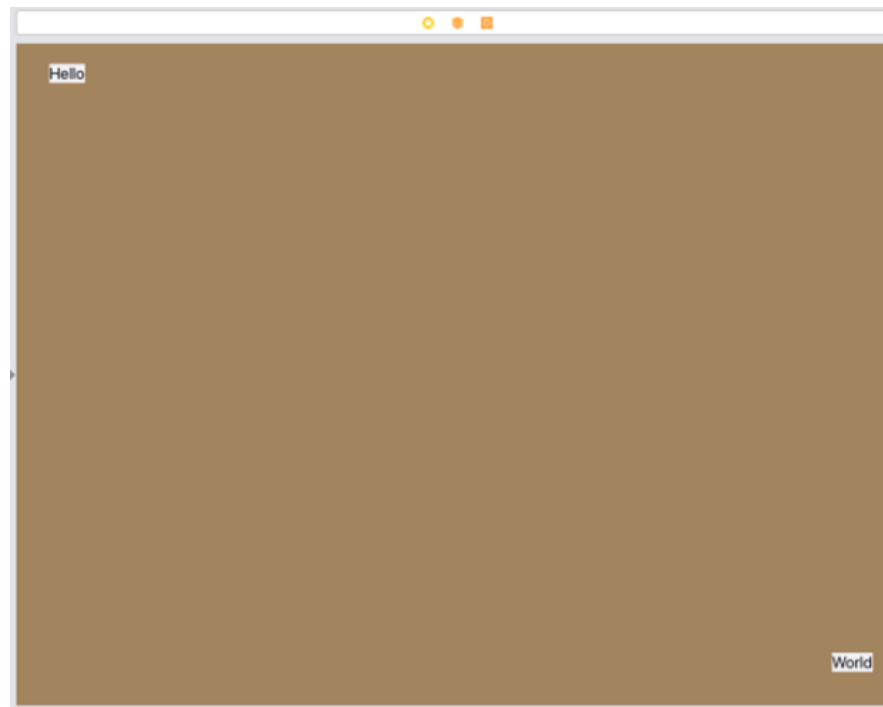
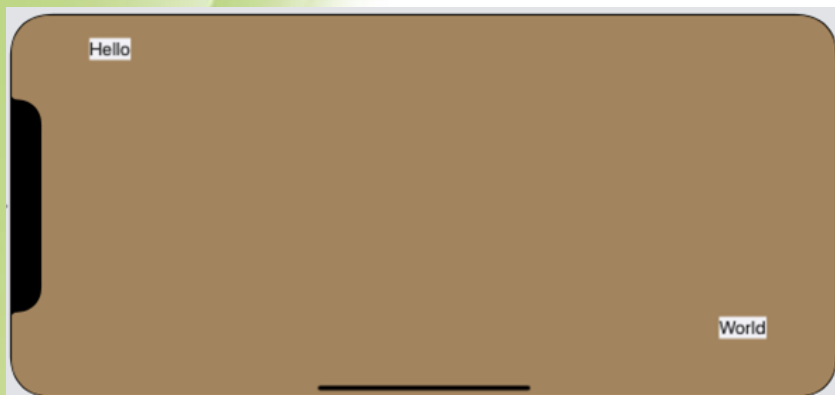
# Auto Layout



# Auto Layout

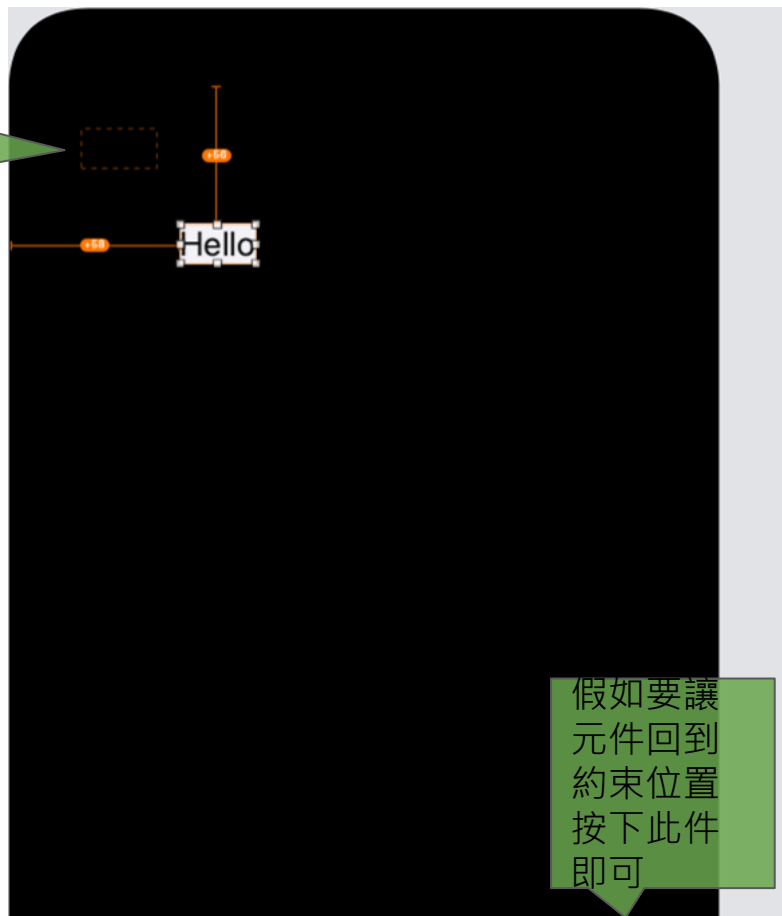


# Auto Layout



# Auto Layout

增加約束後  
即使移動他  
最後也會照  
約束位置顯  
示



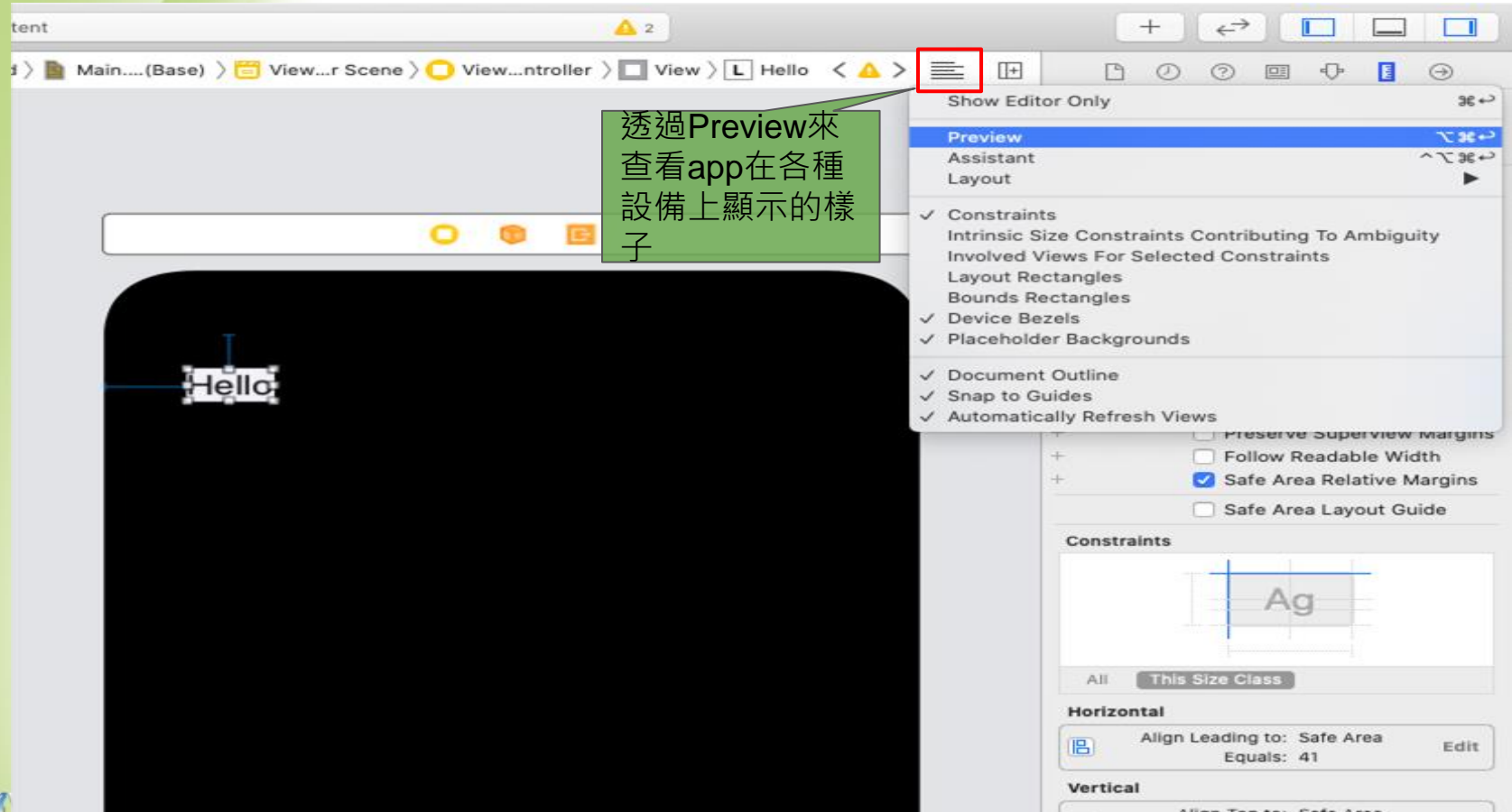
假如要讓  
元件回到  
約束位置  
按下此件  
即可

# Auto Layout

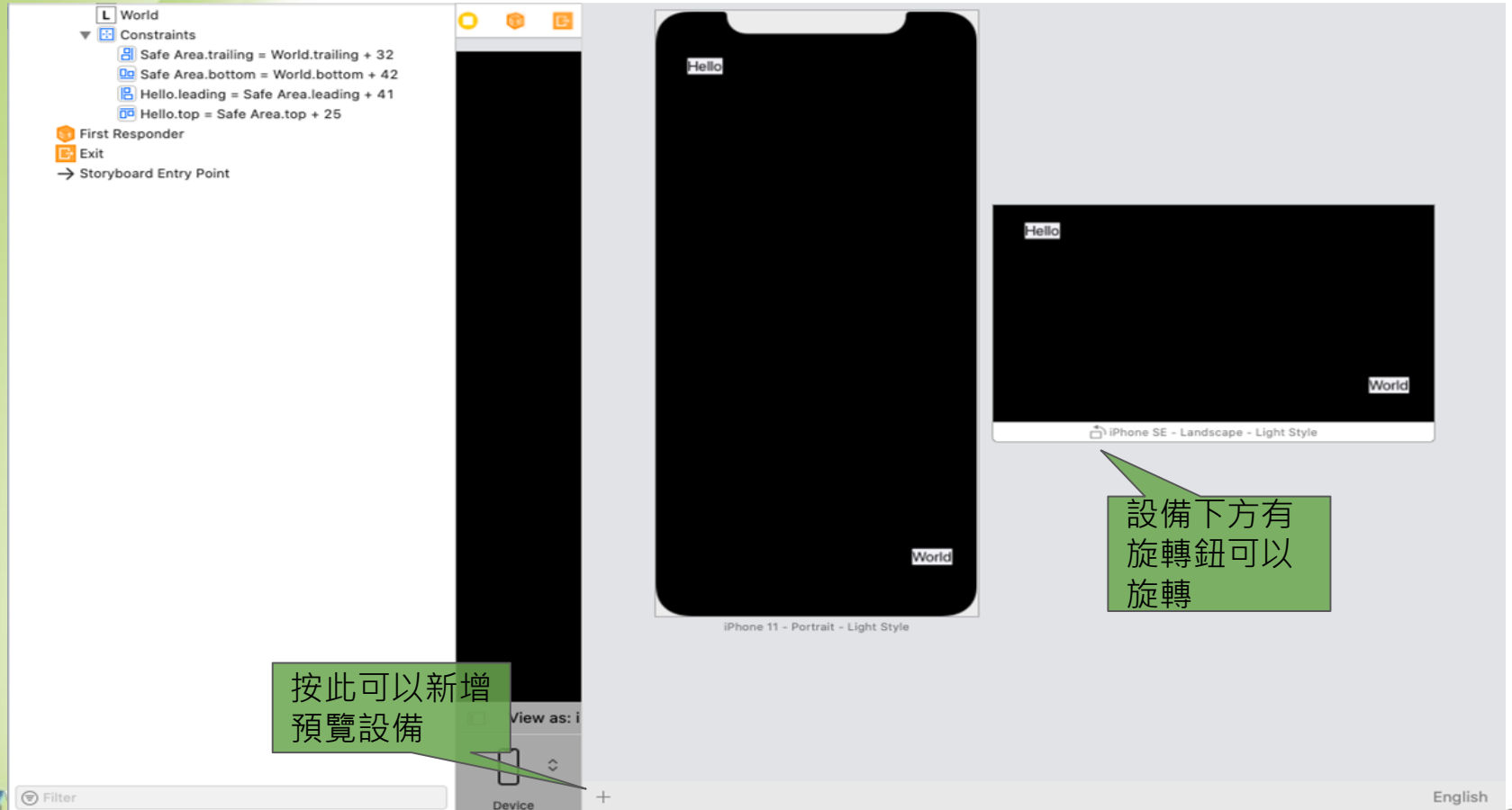




# Auto Layout

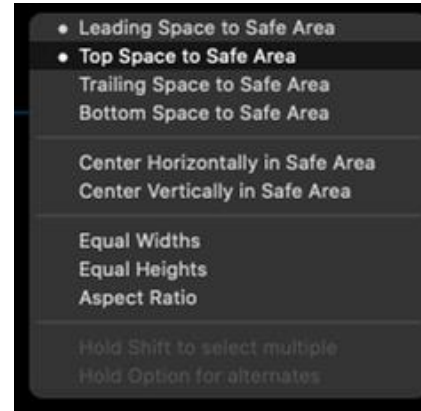
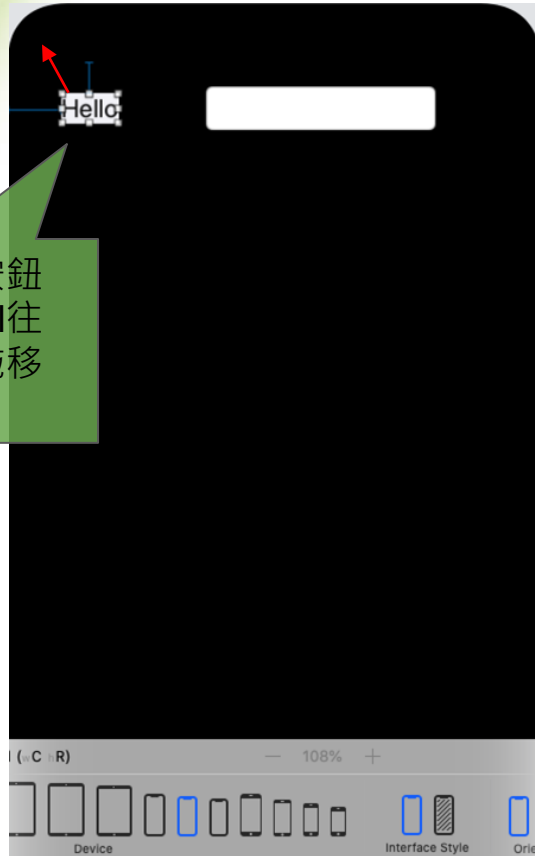


# Auto Layout



# Auto Layout

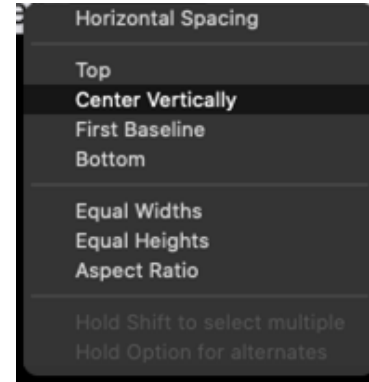
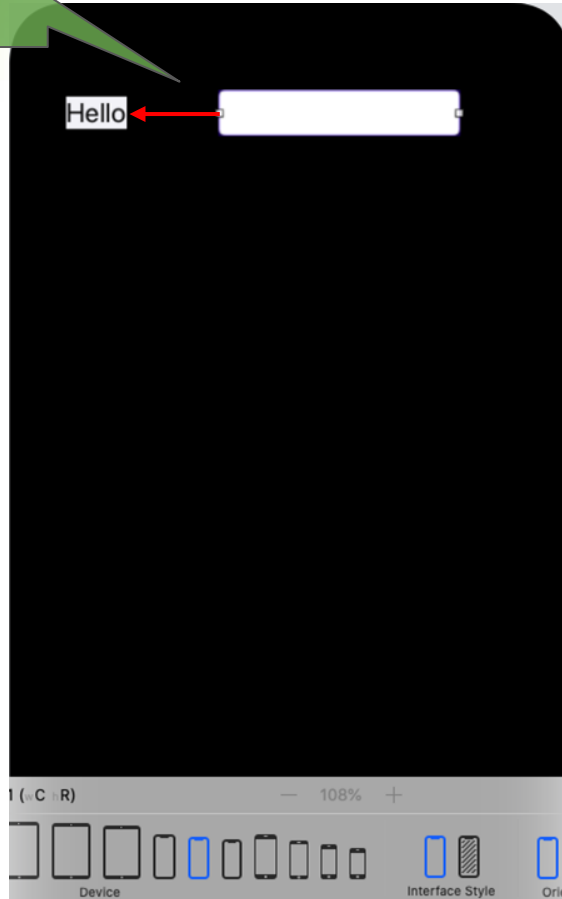
除了案下方的按鈕  
可以按住control往  
要約束的方向拖移  
來新增約束



會跳出約束選單

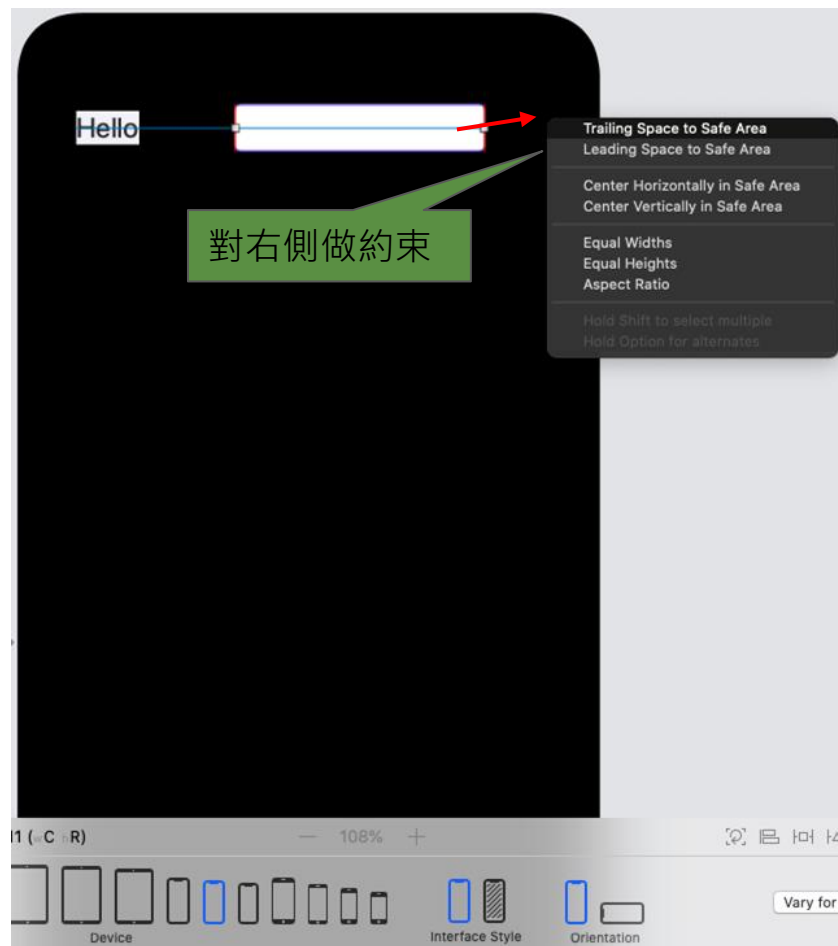
# Auto Layout

按住control拉到要對齊的元件



設定TextField  
中心點Y座標  
與Label相同

# Auto Layout



# Auto Layout

可以看到有個虛線小紅框，這表示執行後，實際看到的畫面會是這麼小的文字框



設置好會發現大小被調整了，這時可以增加他與Label之間的約束

## Horizontal Spacing

- Top
- Center Vertically
- First Baseline
- Bottom

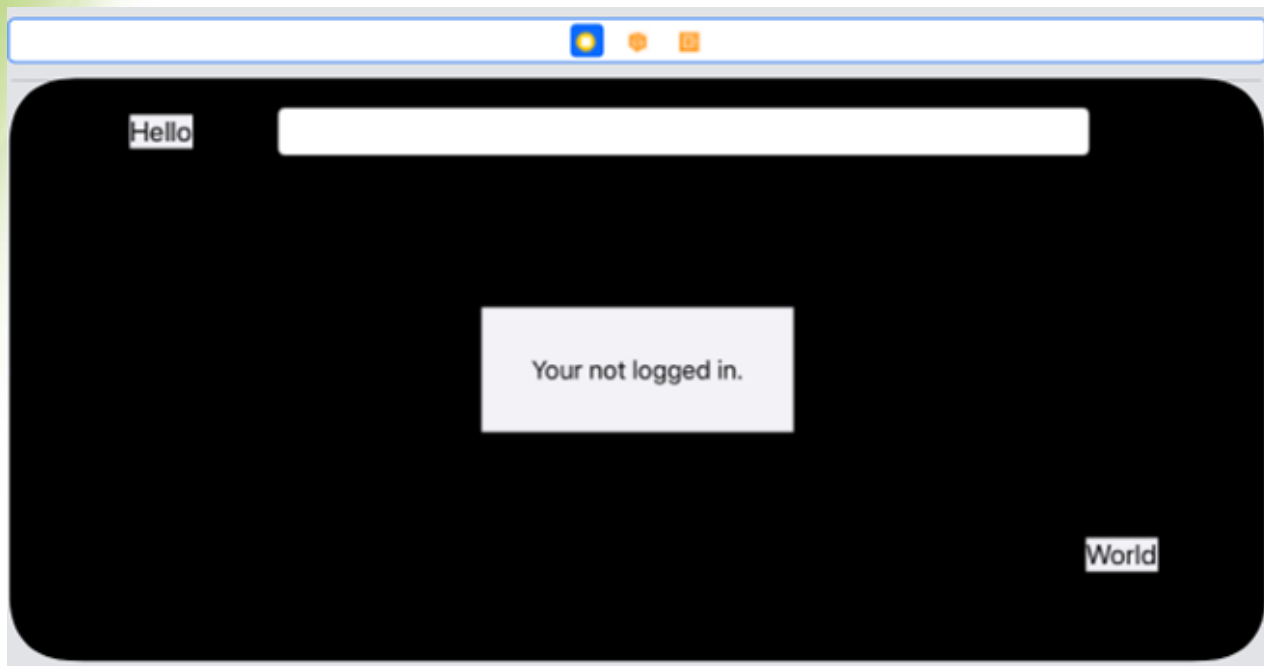
Equal Widths  
Equal Heights  
Aspect Ratio

Hold Shift to select multiple  
Hold Option for alternates

選擇此約束



# Auto Layout



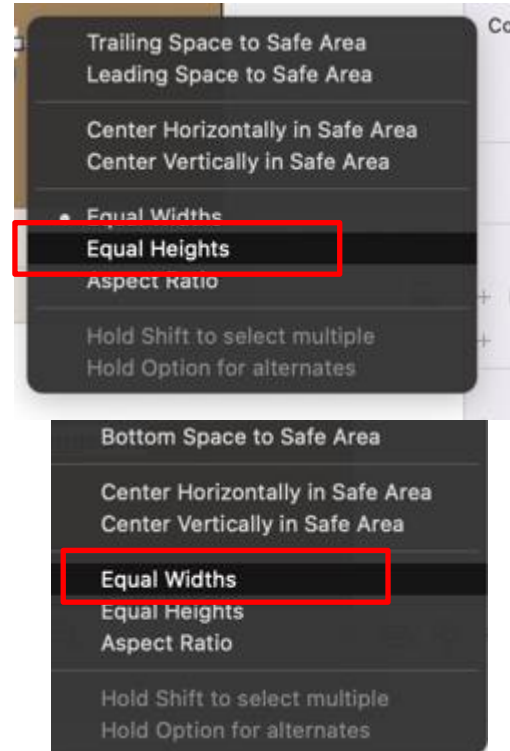
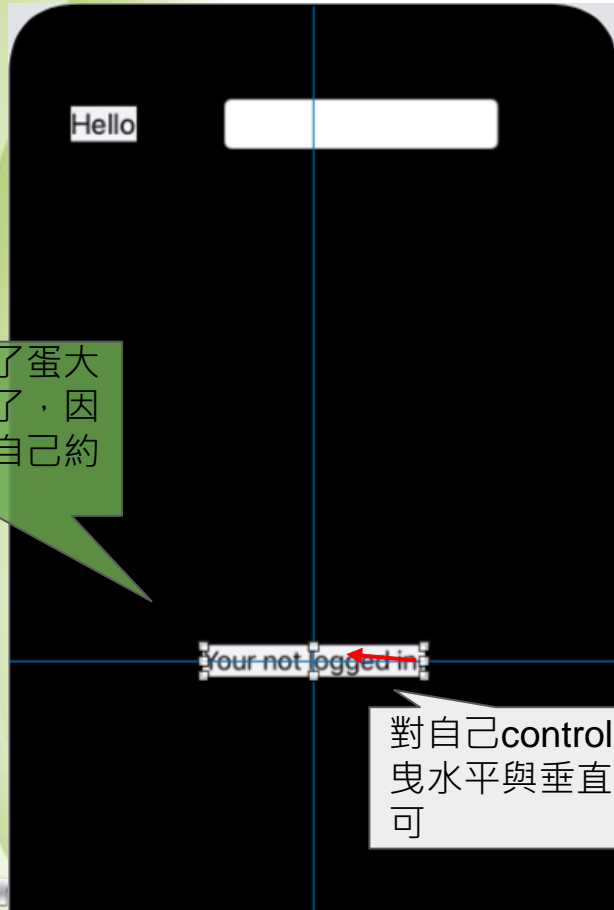
# Auto Layout



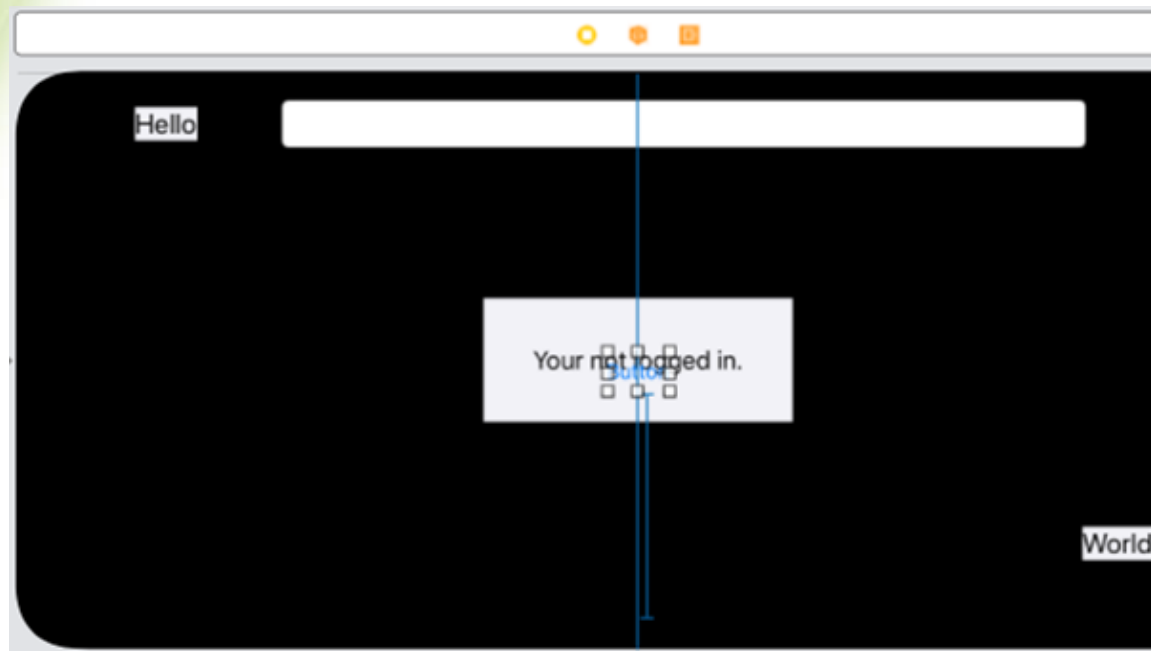
按下對齊按  
鈕與使它在  
畫面中間



# Auto Layout

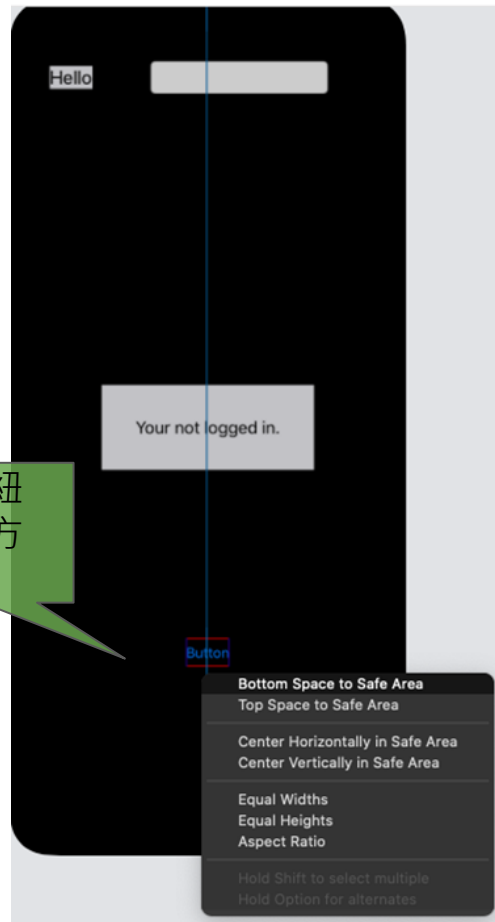


# Auto Layout

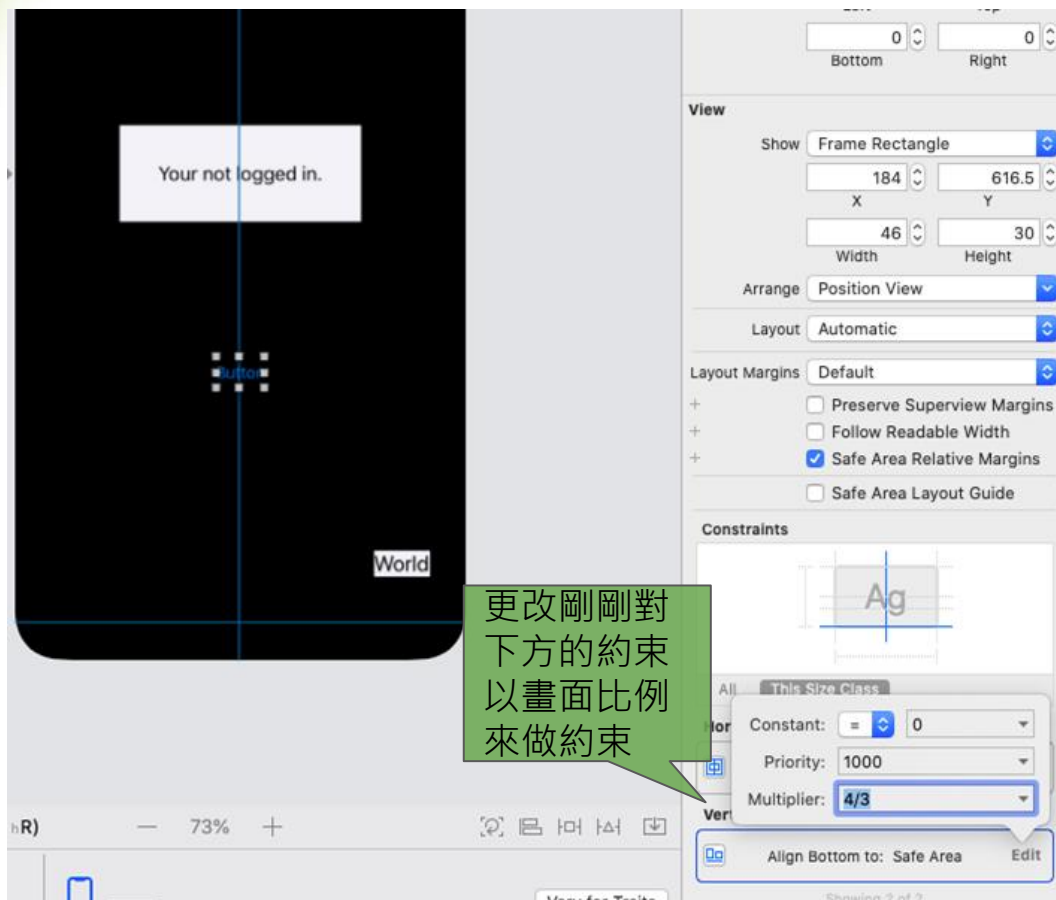


# Auto Layout

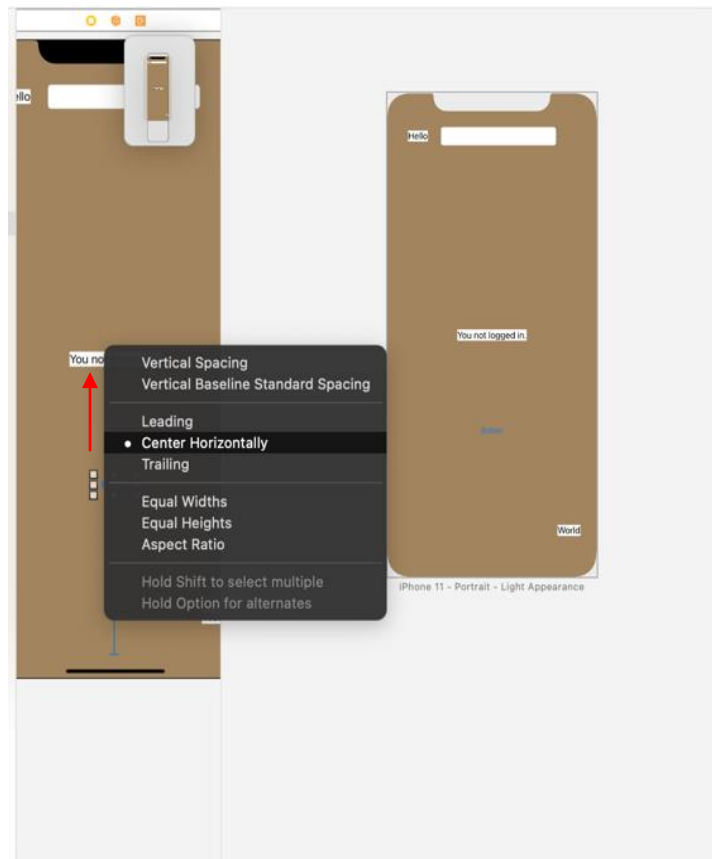
新增按鈕  
並對下方  
做約束



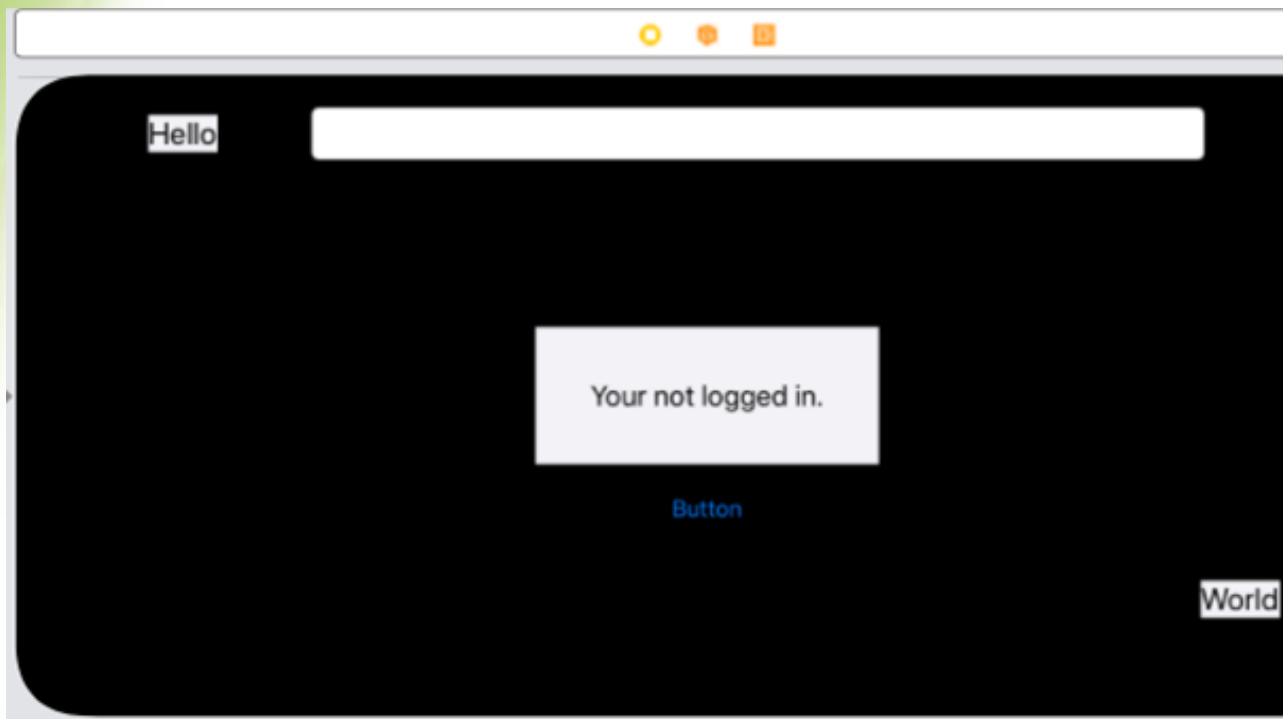
# Auto Layout



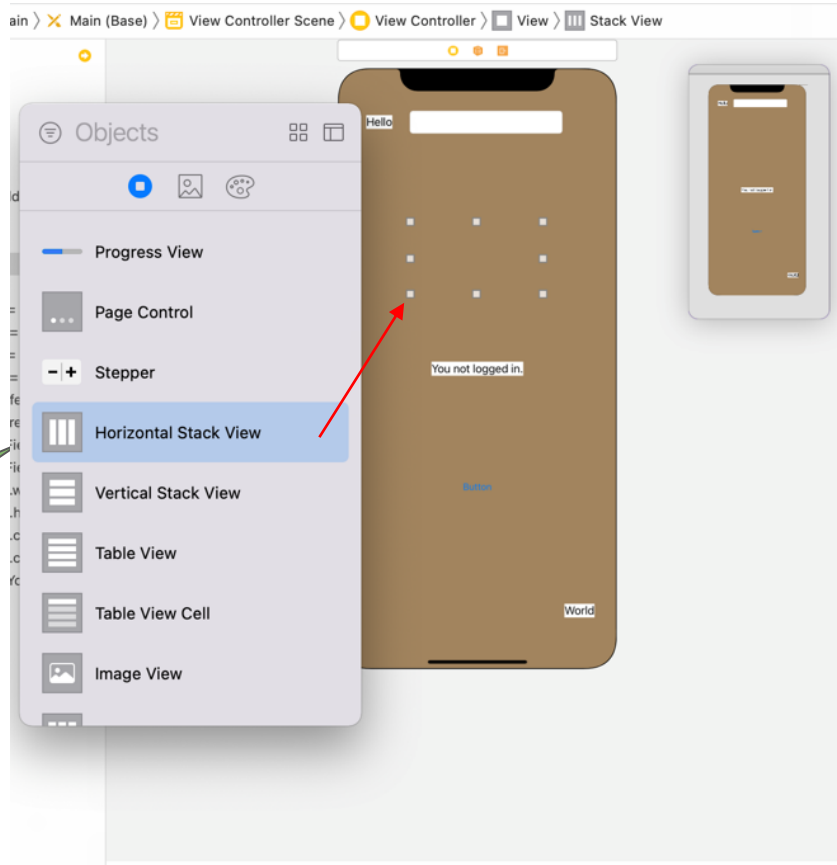
# Auto Layout



# Auto Layout



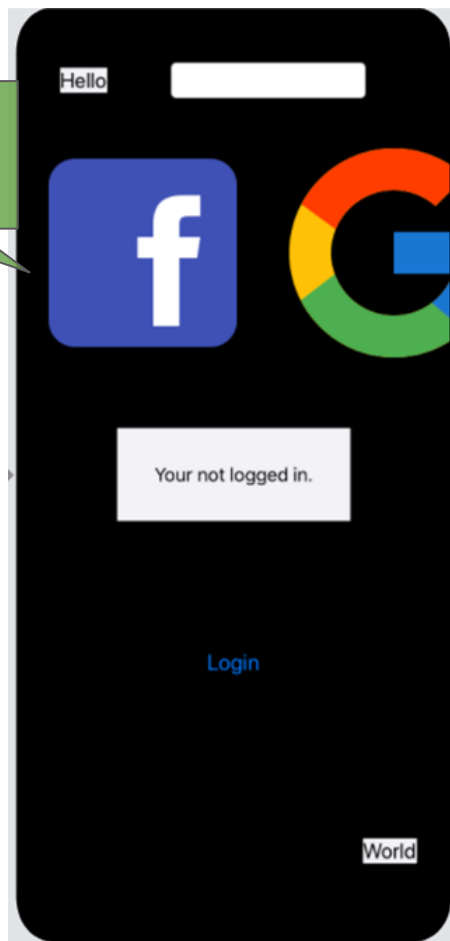
# Auto Layout



假如要很多元件一次做好排版可以考慮stackView

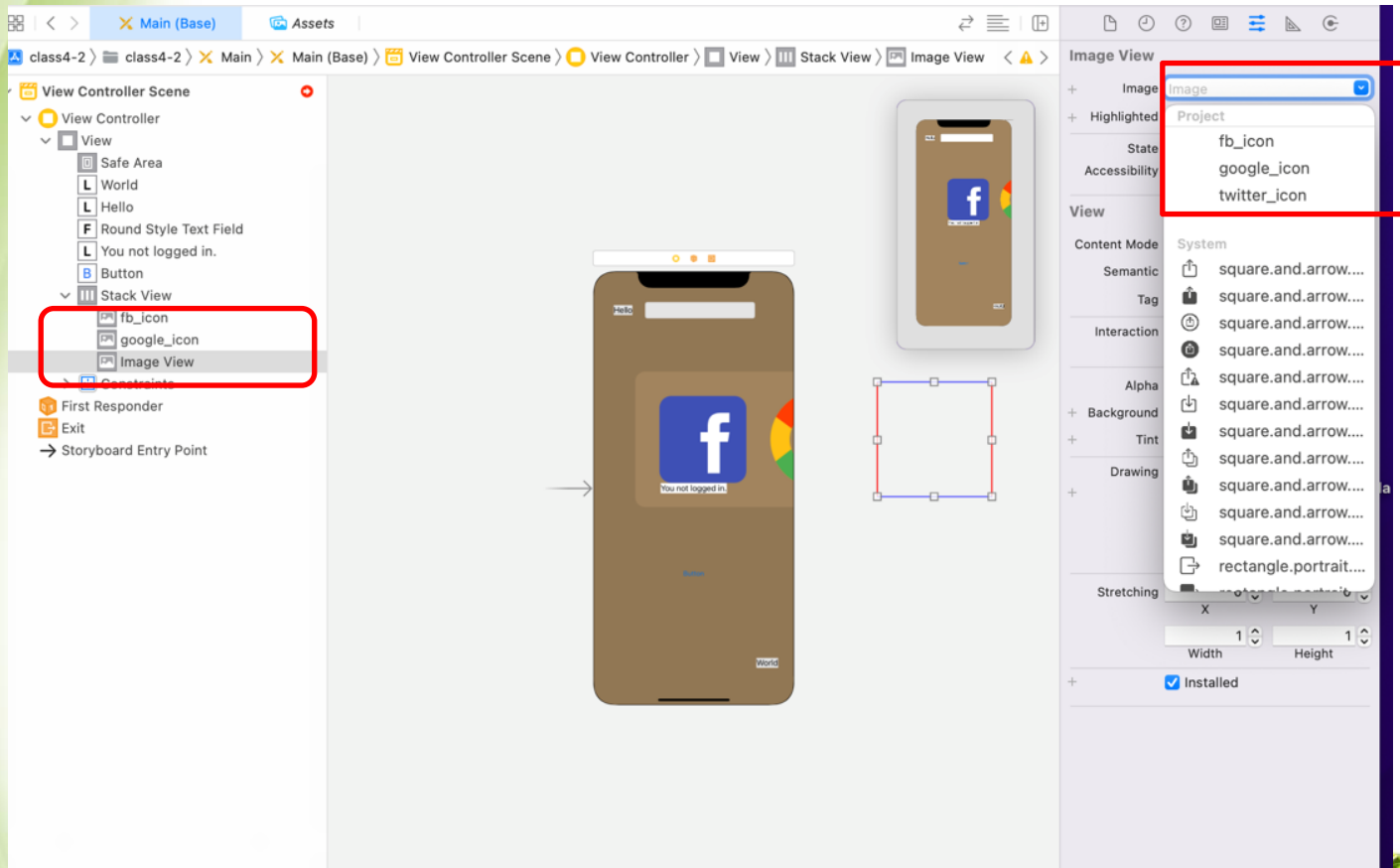
# Auto Layout

新增好並將3  
個imageView  
也新增上去



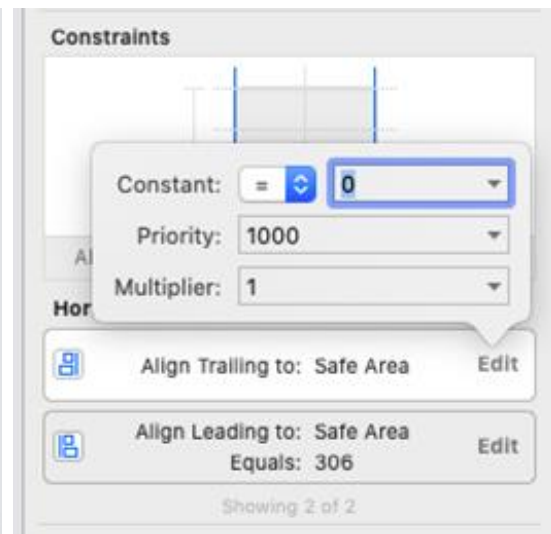
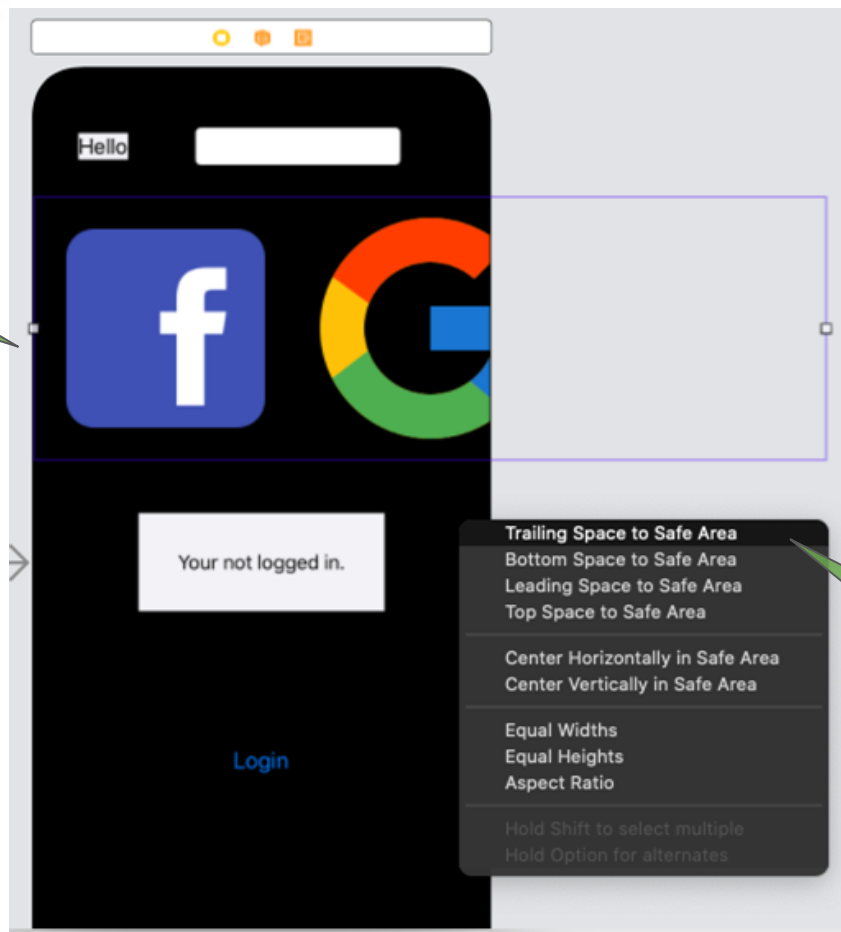


# Auto Layout



# Auto Layout

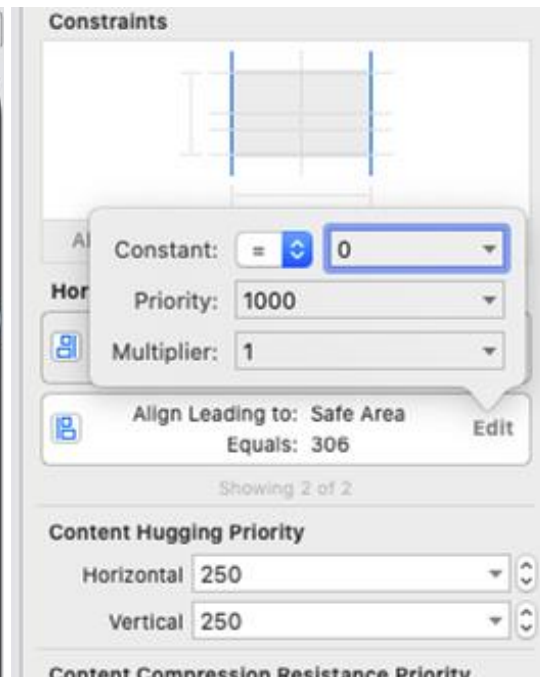
StackView是沒辦法手動調整大小的要透過約束去限制大小



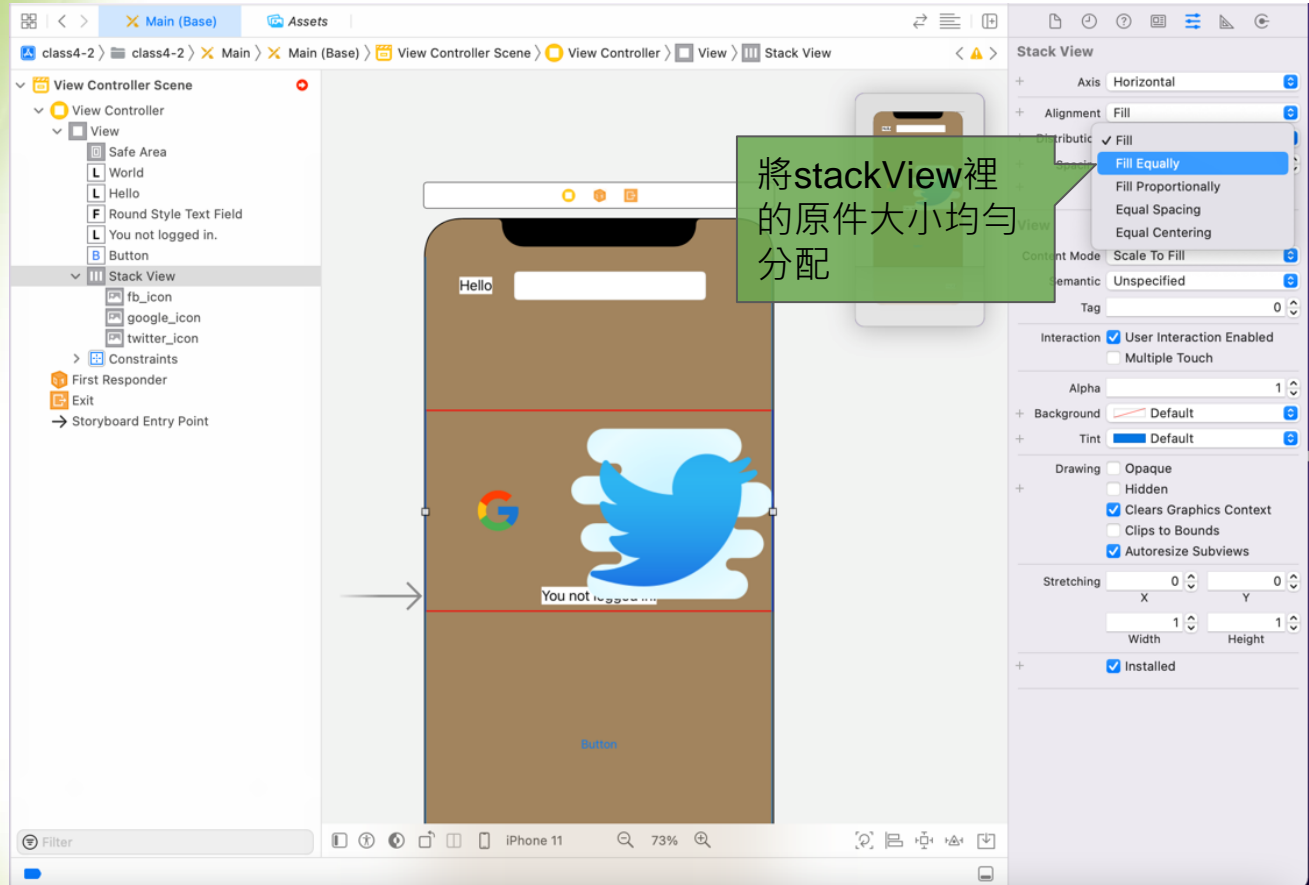
新增對右邊的限制

# Auto Layout

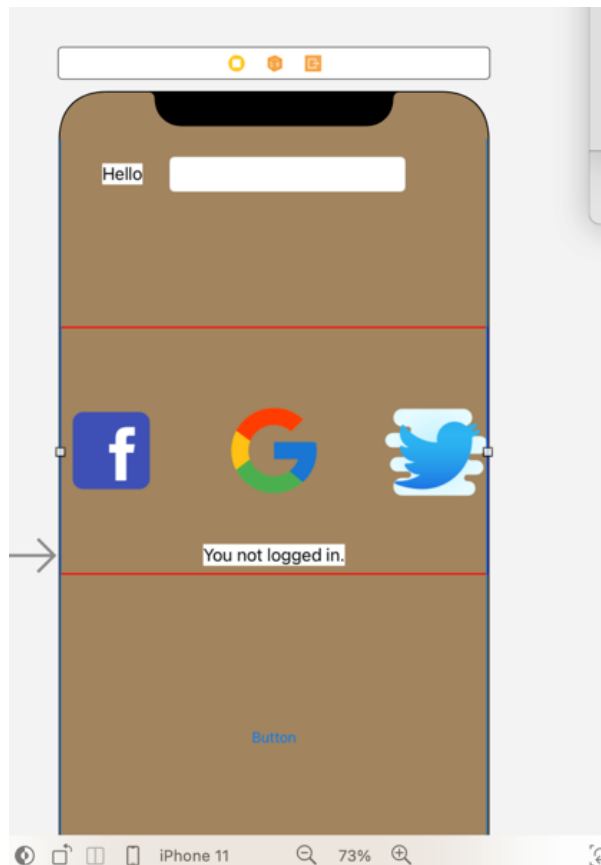
新增對左邊  
的限制



# Auto Layout



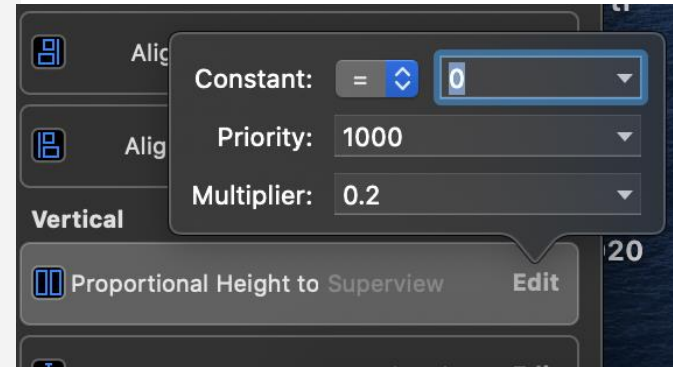
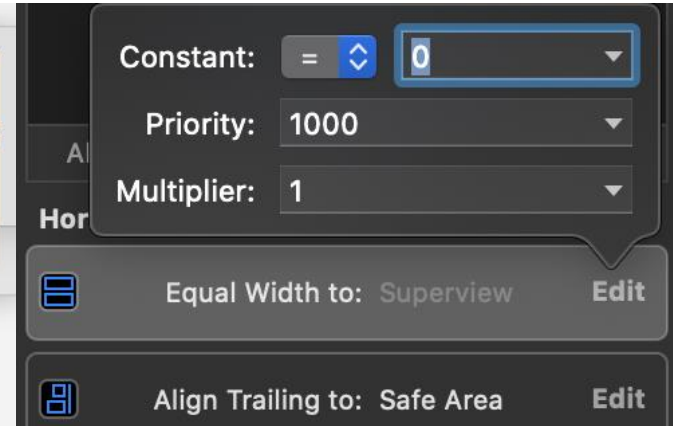
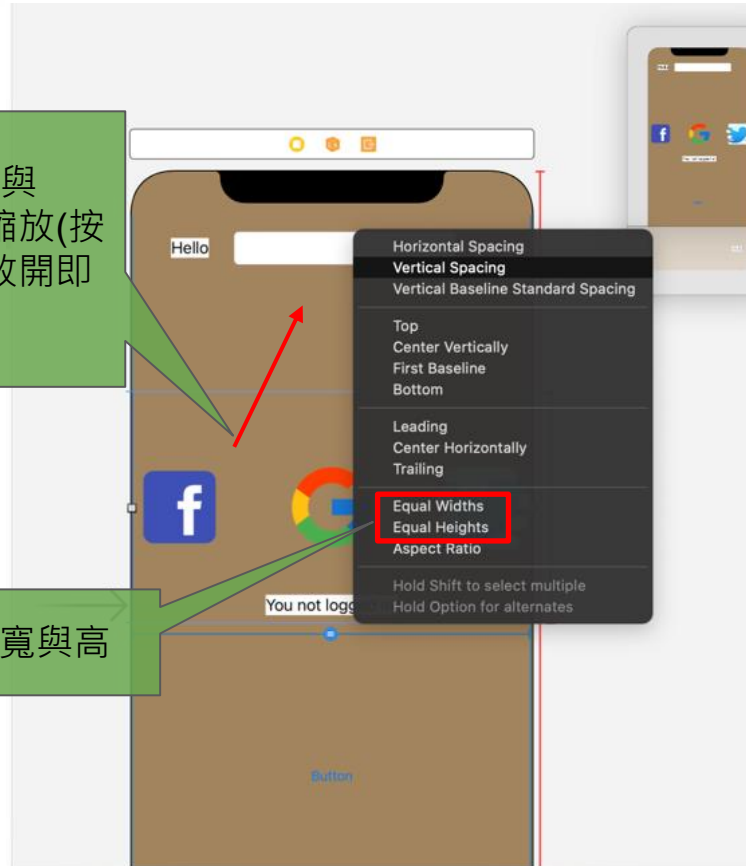
# Auto Layout



# Auto Layout

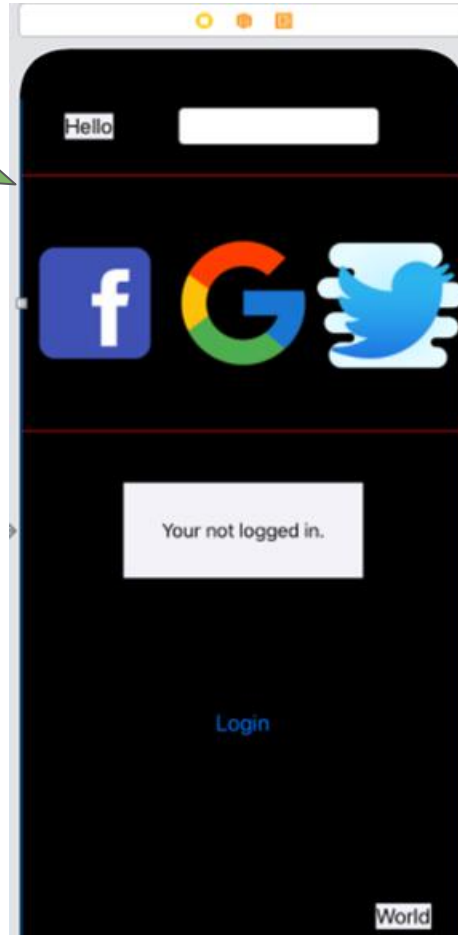
使stackView的大小與view的大小做比例縮放(按住control拉往view放開即可)

選擇限制寬與高



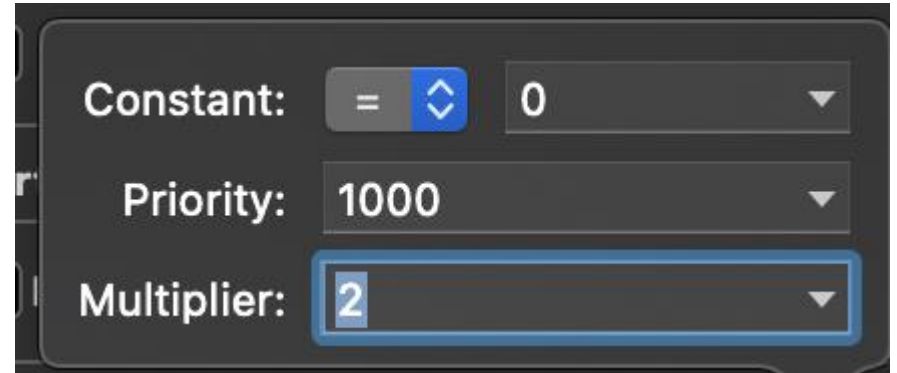
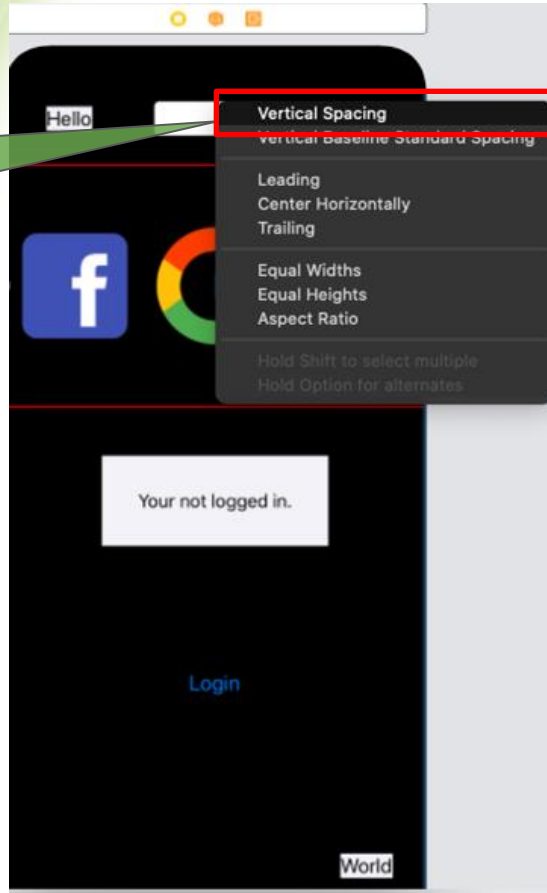
# Auto Layout

當左右約束好會發現寬度訂好了，剩下高度，當約束出現紅色時代表有問題通常是約束互相衝突，而這邊是告訴你高度還沒做限制



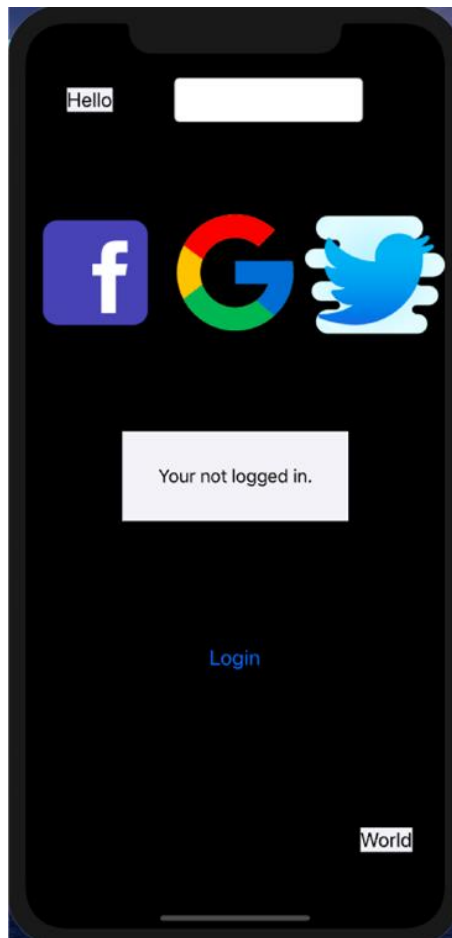
# Auto Layout

與上面的原件做約束





# Auto Layout



# Hw02

繳交期限：  
2023/03/26



# Hw02

這邊給個提示不  
需要新增很多  
viewController一  
個就可以



# Hw02

在刪除的模式下按新增  
沒用必須先  
按返回



# Hw02

按下新增按鈕時會在欄位上新增一個一樣的欄位並且也能像先前一樣連到它自己的頁面



同理按刪除也無法動作