

四宮數獨

作業一

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有扣分機制的數獨

錯三次就失敗而**GAME OVER**

呈現方法

格子跟號碼用-,+跟|呈現
填空個用**do-while**

數獨規則

成功條件

- 只要剛提到的條件全部總和都有**10** 就通過，失敗扣**35**分，小於**0**則失敗。

```
//判斷成功
```

```
userWin=
```

```
((board[0,0]+board[0,1]+board[0,2]+board[0,3] == 10 )&&  
(board[0,0]+board[0,1]+board[1,0]+board[1,1] == 10 )&&  
(board[1,0]+board[1,1]+board[1,2]+board[1,3] == 10 )&&  
(board[2,0]+board[2,1]+board[2,2]+board[2,3] == 10 )&&  
(board[3,0]+board[3,1]+board[3,2]+board[3,3] == 10 )&&  
(board[0,0]+board[1,0]+board[2,0]+board[3,0] == 10 )&&  
(board[0,1]+board[1,1]+board[2,1]+board[3,1] == 10 )&&  
(board[0,2]+board[1,2]+board[2,2]+board[3,2] == 10 )&&  
(board[0,3]+board[1,3]+board[2,3]+board[3,3] == 10 )&&  
(board[2,0]+board[2,1]+board[3,0]+board[3,1] == 10 )&&  
(board[0,2]+board[0,3]+board[1,2]+board[1,3] == 10 )&&  
(board[2,2]+board[2,3]+board[3,2]+board[3,3] == 10 ));
```


填空

```
Console.Write("輸入數字及位置的座標，以逗點分割：");  
string[] input = new string[2];  
int x = Convert.ToInt32(Console.ReadLine());  
input = Console.ReadLine().Split(',');  
int jx = Convert.ToInt16(input[0]);  
int jy = Convert.ToInt16(input[1]);  
board[jx, jy] = x;
```