

組合語言 期末遊戲

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1A2B 猜數字PLUS

遊戲簡介_ 基本規則

- 程式會在遊戲開始時自動生成一組不重複4位數密碼
- 然後玩家猜測此不重複4位數密碼
- 玩家的每一組猜測密碼，不可輸入重複的字元
e.g. 1123
- 玩家每猜測完一組密碼，程式會給予玩家提示訊息
 - 字元對、位置也對為A
 - 字元對、位置不對為B

遊戲簡介_ 基本規則

■ 提示訊息例如

GUESS

1	3	2	4
---	---	---	---

ANS

7	3	1	0
---	---	---	---

RESULT

1A1B

■ 直到提示訊息為4A0B，即為猜測到正確答案

遊戲簡介_ 特色

■ 共有3種遊戲模式，由玩家選擇模式

1) Normal Mode

密碼字元domain : 0123456789 (10個)

2) Porker Mode

密碼字元domain : A23456789XJQK(13個)

3) Hex Mode

密碼字元domain : 0123456789ABCDEF(16個)

遊戲簡介_ 功能

- 一組猜測密碼輸入重複的字元時，重新猜測
- 輸入非有效字元時，重新猜測
- 可看答案並結束當前這一局
- 可重複開新一局遊戲

遊戲截圖_ Normal Mode

START*****1A2B Guess 4digits Number*****START
A : digits&positions right. B : only digits right.

Please input game mode.

Input '1' Normal Mode=>guess range 0~9

Input '2' Porker Mode=>guess range A,2~9,X,J,Q,K

Input '3' Hex Mode=>guess range 0~9,A~F

1

Please input 4 different digits.

The valid input characters are : 0123456789

01 Guess : 1234 0A1B

02 Guess : 5678 0A1B

03 Guess : 9012 1A2B

04 Guess : a

Wrong input. Please input 4 DIFFERENT DIGITS(0~9).

05 Guess : 1233

Wrong input. Please input 4 DIFFERENT DIGITS(0~9).

06 Guess : 8023 2A0B

07 Guess : 8029 3A0B

08 Guess : 7029 4A0B

The answer is 7029

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

Input '1' to restart. Input any other button to exit. |

遊戲截圖_Porker Mode

START*****1A2B Guess 4digits Number*****START
A : digits&positions right. B : only digits right.

Please input game mode.

Input '1' Normal Mode=>guess range 0~9

Input '2' Porker Mode=>guess range A,2~9,X,J,Q,K

Input '3' Hex Mode=>guess range 0~9,A~F

2

Please input 4 different digits.

The valid input characters are : A23456789XJQK

01 Guess : AXJQ 0A1B

02 Guess : 2345 0A1B

03 Guess : 6789 1A0B

04 Guess : KA89 2A0B

05 Guess : KA67 1A0B

06 Guess : kb

Wrong input. Please input 4 DIFFERENT DIGITS(A,2~9,X,J,Q,

07 Guess : kj78 1A2B

08 Guess : kq78 1A1B

09 Guess : kj73 1A1B

0A Guess : kj82 2A1B

0B Guess : 5jk8 0A3B

0C Guess : 4j8k 1A3B

0D Guess : k48j 4A0B

The answer is K48J

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

Input '1' to restart. Input any other button to exit. |

遊戲截圖_ Hex Mode

Input '1' to restart. Input any other button to exit.

START*****1A2B Guess 4digits Number*****START
A : digits&positions right. B : only digits right.

Please input game mode.

Input '1' Normal Mode=>guess range 0~9

Input '2' Porker Mode=>guess range A,2~9,X,J,Q,K

Input '3' Hex Mode=>guess range 0~9,A~F

3

Please input 4 different digits.

The valid input characters are : 0123456789ABCDEF

01 Guess : 1234 1A0B

02 Guess : 5678 1A0B

03 Guess : 90ab 0A1B

04 Guess : CDEF 0A1B

05 Guess : 159C 0A1B

06 Guess : 269c 0A1B

07 Guess : 1256 1A1B

08 Guess : H
The answer is 52D0

Input '1' to restart. Input any other button to exit.
THE END.]

遊戲截圖_ Hex Mode

START*****1A2B Guess 4digits Number*****START
A : digits&positions right. B : only digits right.

Please input game mode.

Input '1' Normal Mode=>guess range 0~9

Input '2' Porker Mode=>guess range A,2~9,X,J,Q,K

Input '3' Hex Mode=>guess range 0~9,A~F

3

Please input 4 different digits.

The valid input characters are : 0123456789ABCDEF

01 Guess : 1234 1A0B

02 Guess : 1567 0A1B

03 Guess : 1890 0A0B

04 Guess : 3256 1A1B

05 Guess : 52ab 1A2B

06 Guess : c25a 1A3B

07 Guess : a2c5 4A0B

The answer is **A2C5**

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

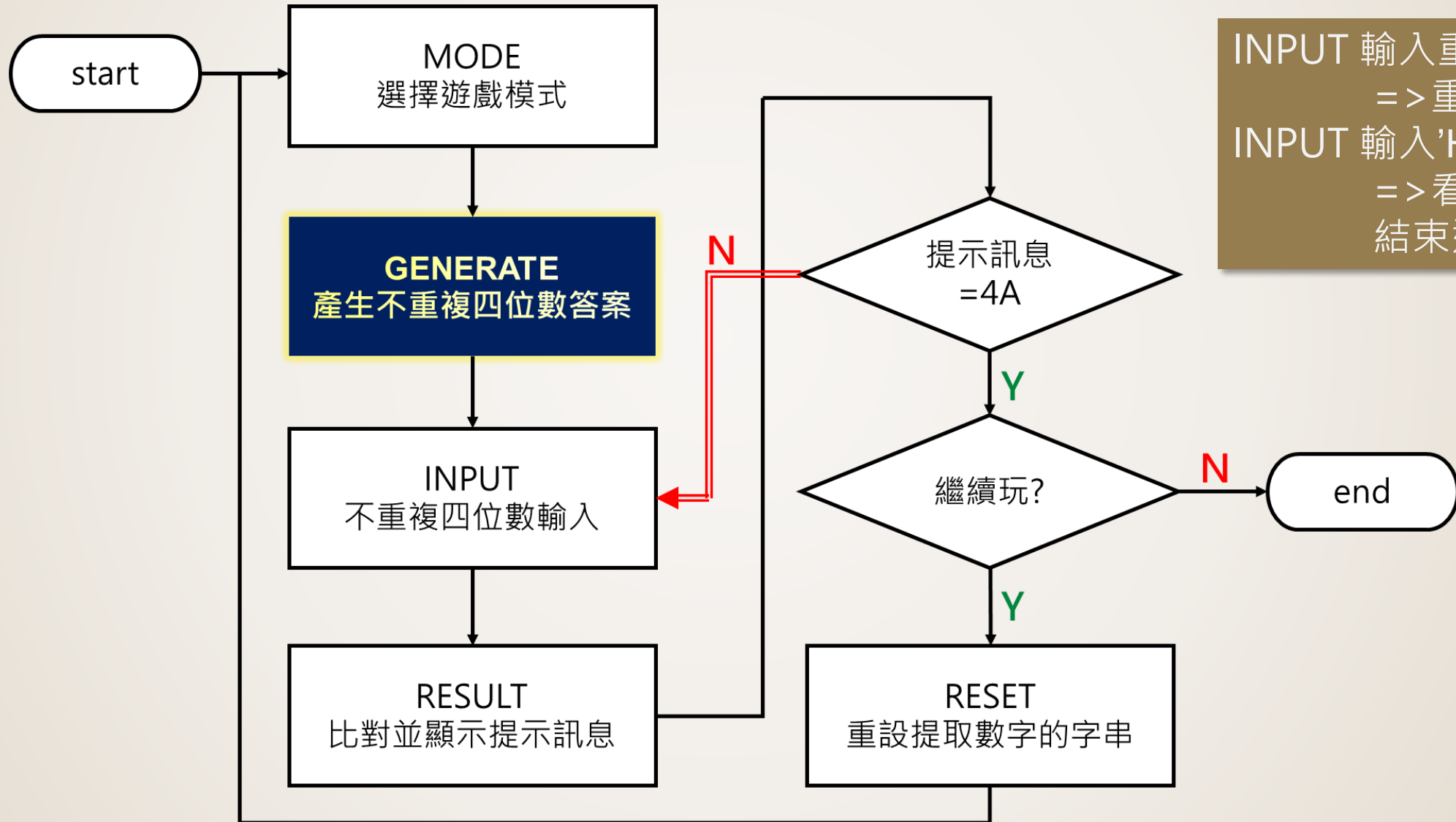
You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

You WIN! You WIN! You WIN!

Input '1' to restart. Input any other button to exit. |

流程圖



INPUT 輸入重複數字
=>重新輸入
INPUT 輸入'H'
=>看答案並
結束這一局

GENERATE 產生不重複四位數答案

Random 取0~9

假設取到3

DIGIT =

“

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

”, &0a, &0d, 0

輸出位置3值#&33

Random 取0~8

假設取到6

DIGIT =

“

0	1	2	4	5	6	7	8	9	
---	---	---	---	---	---	---	---	---	--

”, &0a, &0d, 0

輸出位置6值#&37

DIGIT =

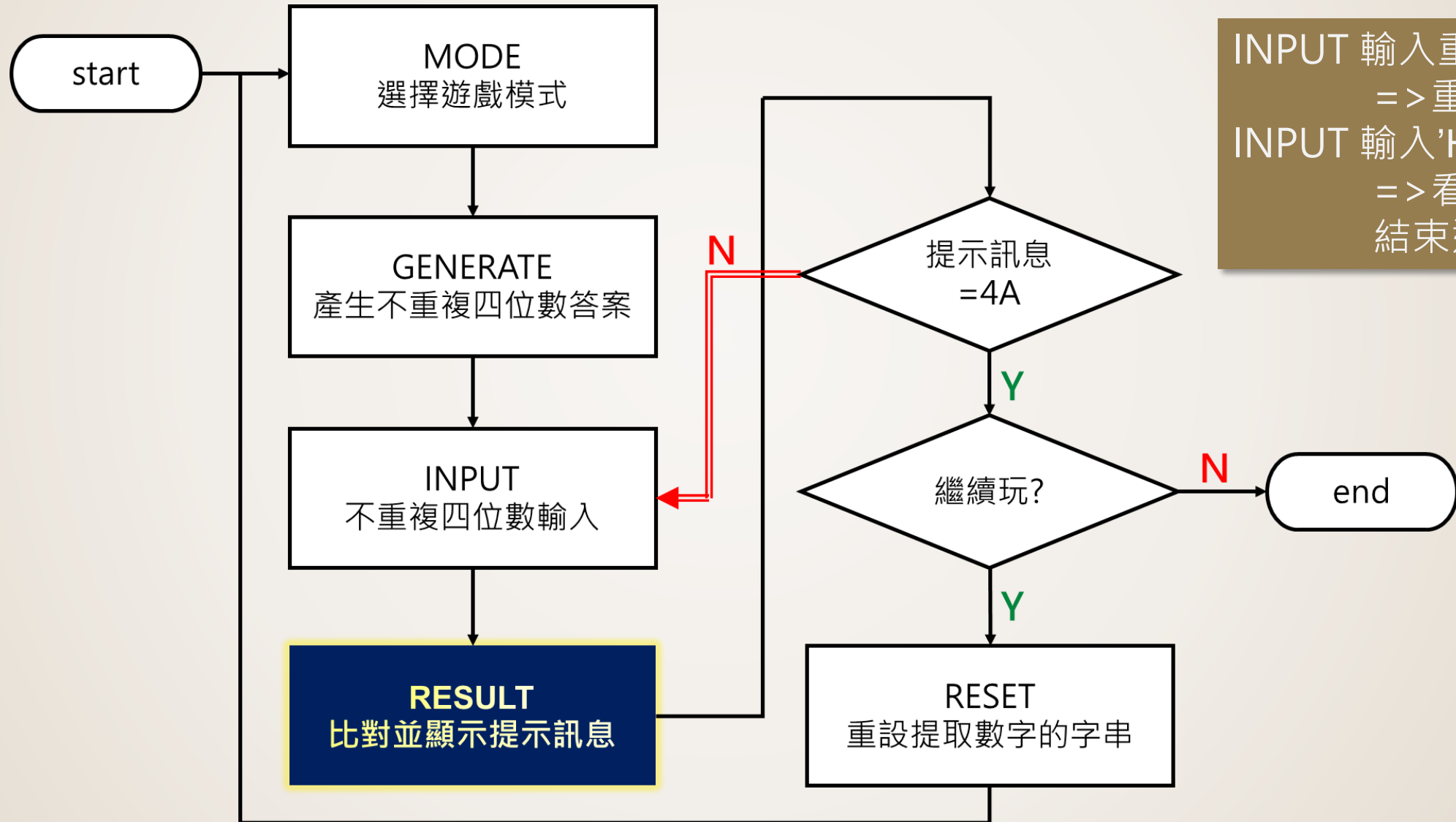
“

0	1	2	4	5	6	8	9		
---	---	---	---	---	---	---	---	--	--

”, &0a, &0d, 0

連續輸出四個值

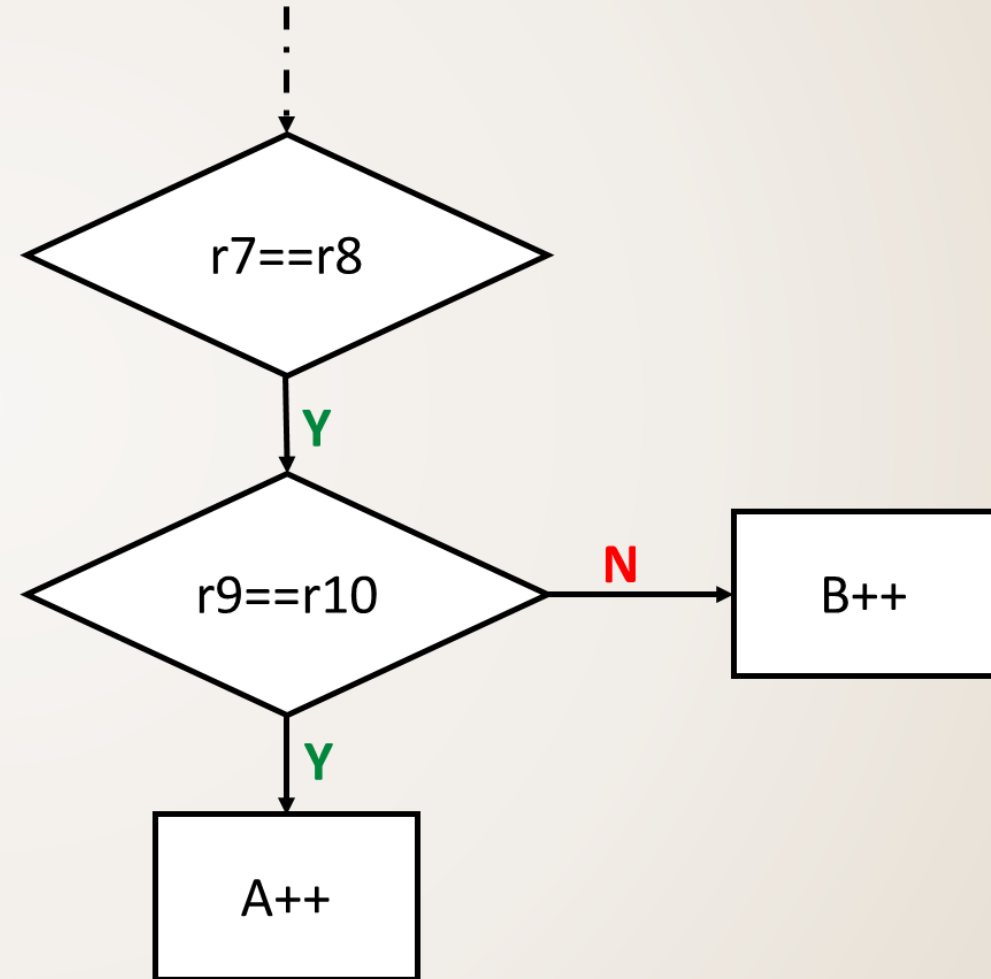
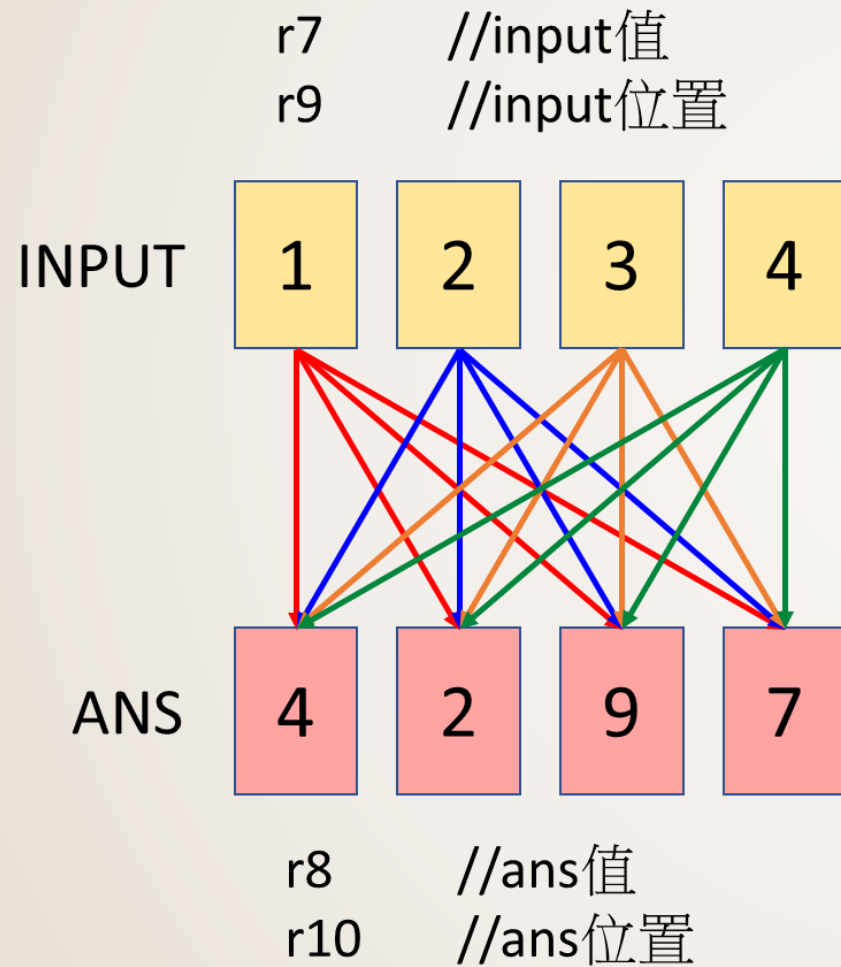
流程圖



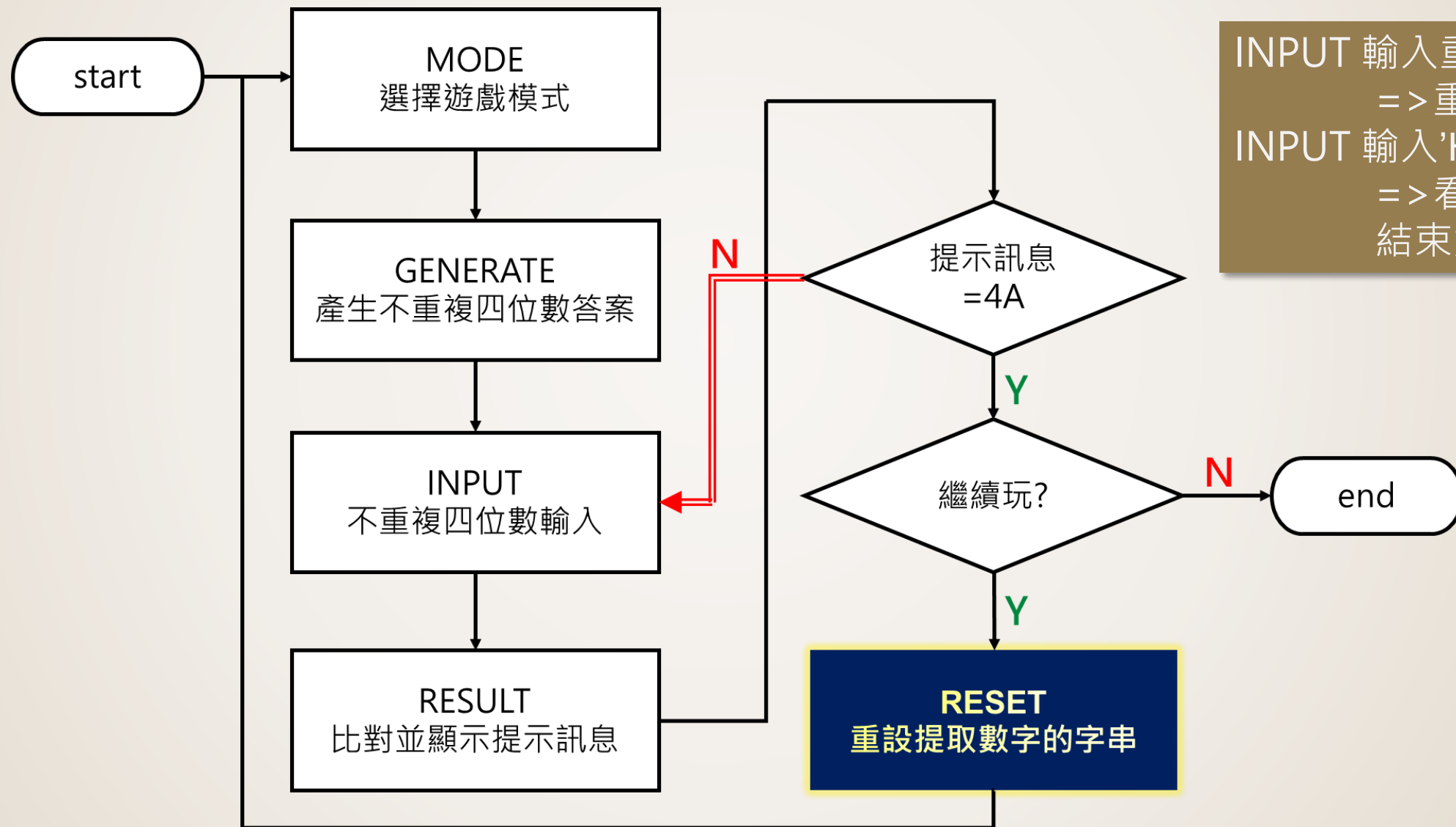
INPUT 輸入重複數字
=>重新輸入
INPUT 輸入'H'
=>看答案並
結束這一局

RESULT

比對並顯示提示訊息



流程圖



INPUT 輸入重複數字
=> 重新輸入
INPUT 輸入'H'
=> 看答案並
結束這一局

RESET 重設提取數字的字串

DIGITCOPY = “ 0 1 2 3 4 5 6 7 8 9 ”, &0a, &0d, 0

取代

DIGIT = “ 1 2 3 5 6 8 ”, &0a, &0d, 0

DIGIT = “ 0 1 2 3 4 5 6 7 8 9 ”, &0a, &0d, 0



The End