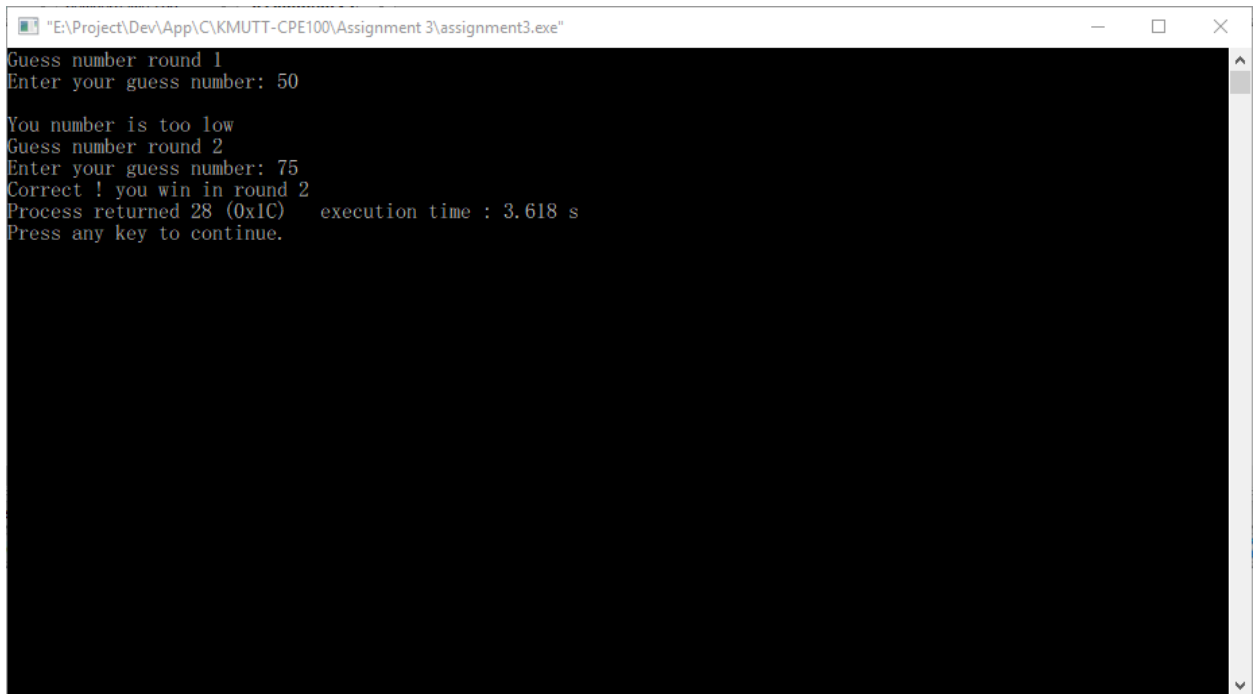


ผลการทดสอบโปรแกรม 4 กรณี

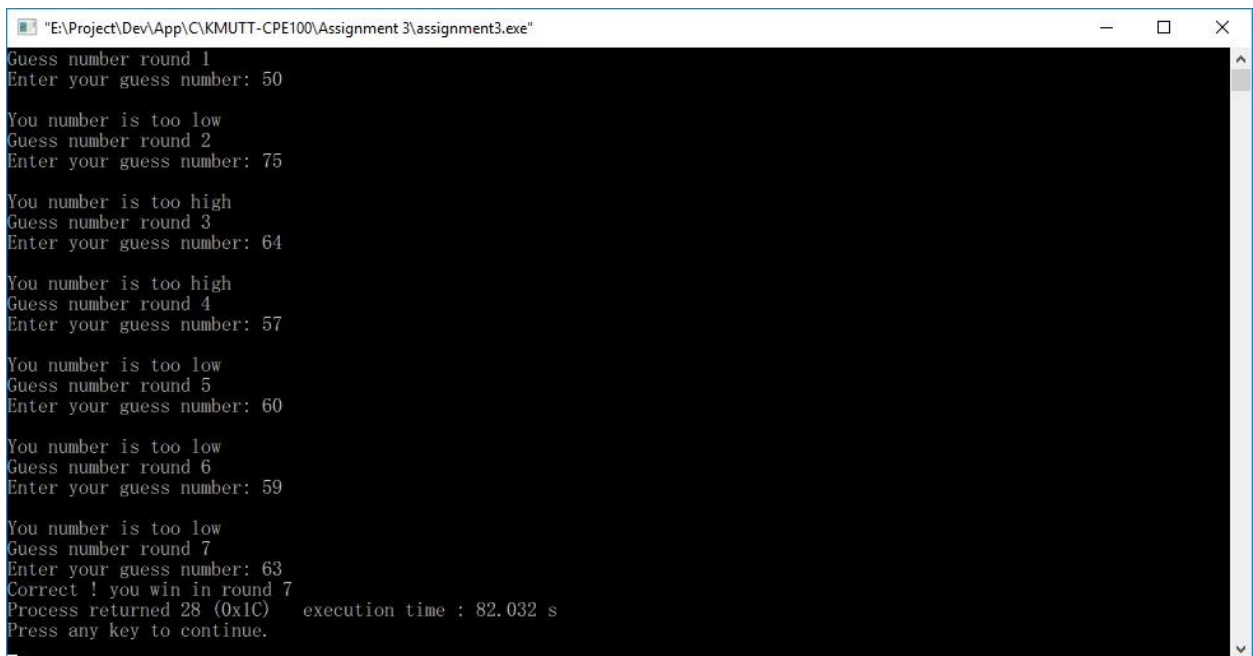
1. กรณีทายถูกก่อน 7 ครั้ง



```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 50

You number is too low
Guess number round 2
Enter your guess number: 75
Correct ! you win in round 2
Process returned 28 (0x1C)   execution time : 3.618 s
Press any key to continue.
```

2. กรณีทายถูกในครั้งที่ 7



```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 50

You number is too low
Guess number round 2
Enter your guess number: 75

You number is too high
Guess number round 3
Enter your guess number: 64

You number is too high
Guess number round 4
Enter your guess number: 57

You number is too low
Guess number round 5
Enter your guess number: 60

You number is too low
Guess number round 6
Enter your guess number: 59

You number is too low
Guess number round 7
Enter your guess number: 63
Correct ! you win in round 7
Process returned 28 (0x1C)   execution time : 82.032 s
Press any key to continue.
```

3. กรณีทายผิด (ครบ 7 ครั้ง)

```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 50

You number is too high
Guess number round 2
Enter your guess number: 25

You number is too high
Guess number round 3
Enter your guess number: 14

You number is too high
Guess number round 4
Enter your guess number: 7

You number is too high
Guess number round 5
Enter your guess number: 6

You number is too high
Guess number round 6
Enter your guess number: 5

You number is too high
Guess number round 7
Enter your guess number: 4

You number is too high
You lose ! and the answer is 1
Process returned 30 (0x1E)   execution time : 10.870 s
```

4. ทดสอบการใส่ข้อมูลผิด

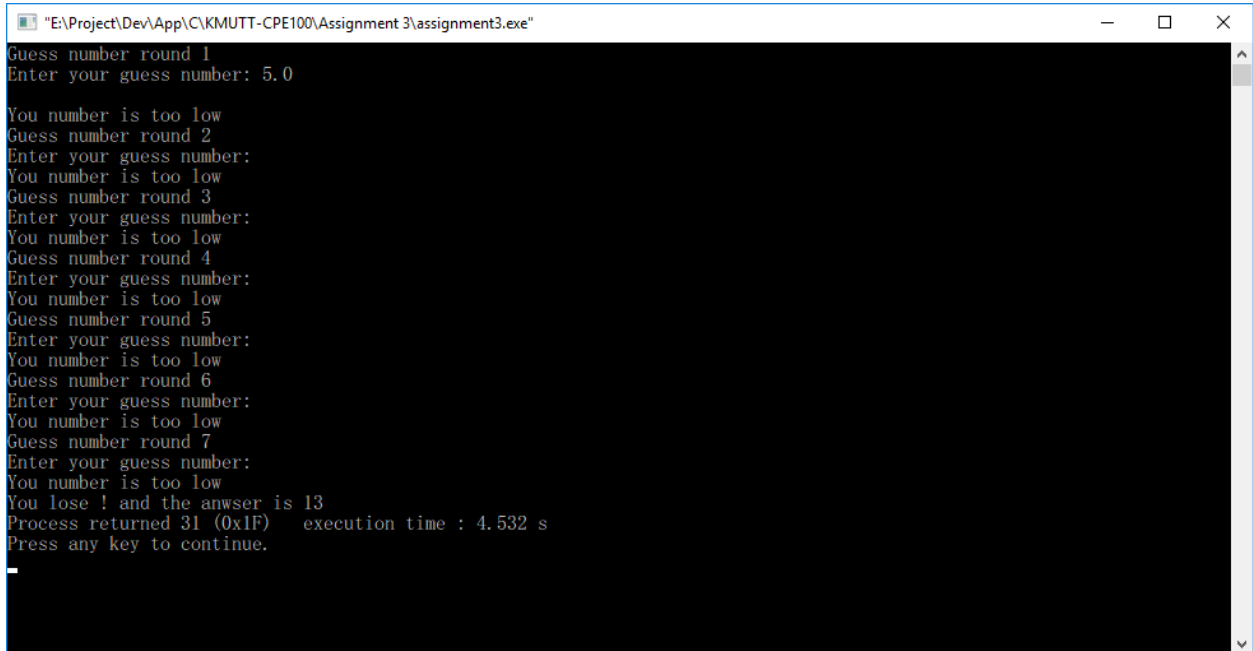
4.1) ใส่ 120

```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 120

You number is too high
Guess number round 2
Enter your guess number:
```

โปรแกรมตอบมาว่าเลขนั้นสูงไป ซึ่งถูกต้องหากคิดในแง่ที่ 120 นั้นมีค่ามากกว่าคำตอบ แต่เราต้องการให้ผู้เล่นเกมเลือกละหว่าง 1 - 100 เท่านั้น การใส่เลข 120 แล้วทำงานผ่านไม่ควรเกิดขึ้น

4.2) ใส่ 5.0

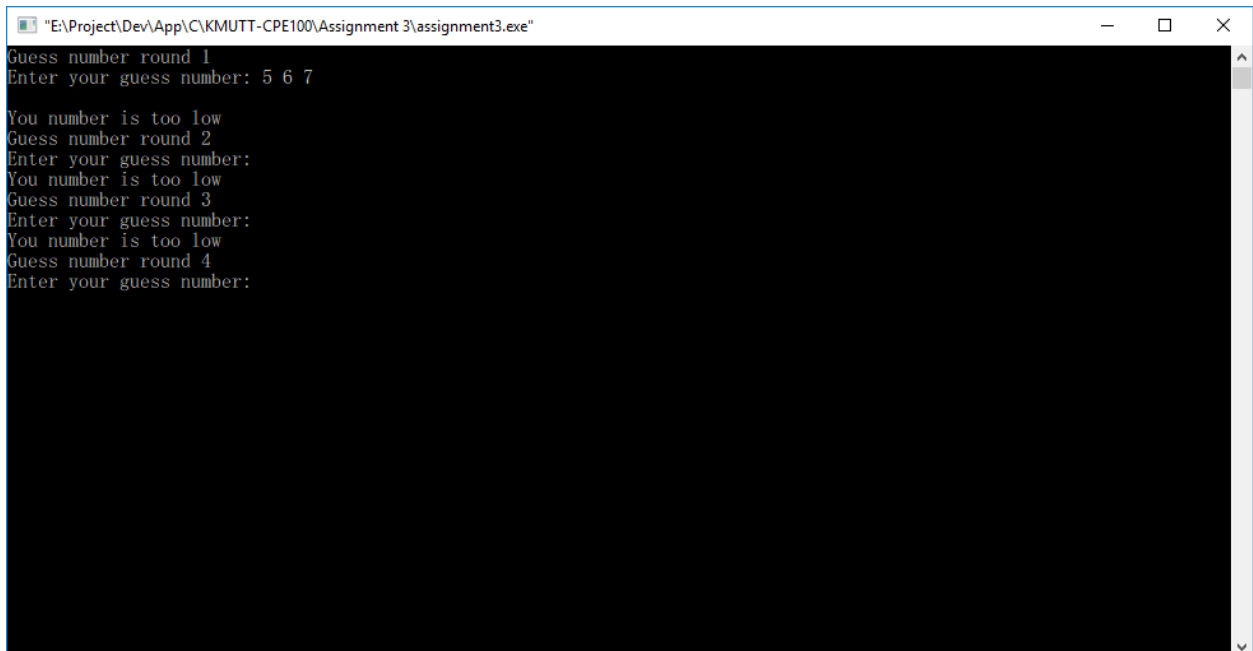


```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 5.0

You number is too low
Guess number round 2
Enter your guess number:
You number is too low
Guess number round 3
Enter your guess number:
You number is too low
Guess number round 4
Enter your guess number:
You number is too low
Guess number round 5
Enter your guess number:
You number is too low
Guess number round 6
Enter your guess number:
You number is too low
Guess number round 7
Enter your guess number:
You number is too low
You lose ! and the answer is 13
Process returned 31 (0x1F)   execution time : 4.532 s
Press any key to continue.
_
```

โปรแกรม error เพราะมีค่า .0 ยังค้างอยู่ใน buffer ทำให้โปรแกรมรันไปโดยไม่รับค่า input ใหม่

4.3) ใส่ 5 6 7

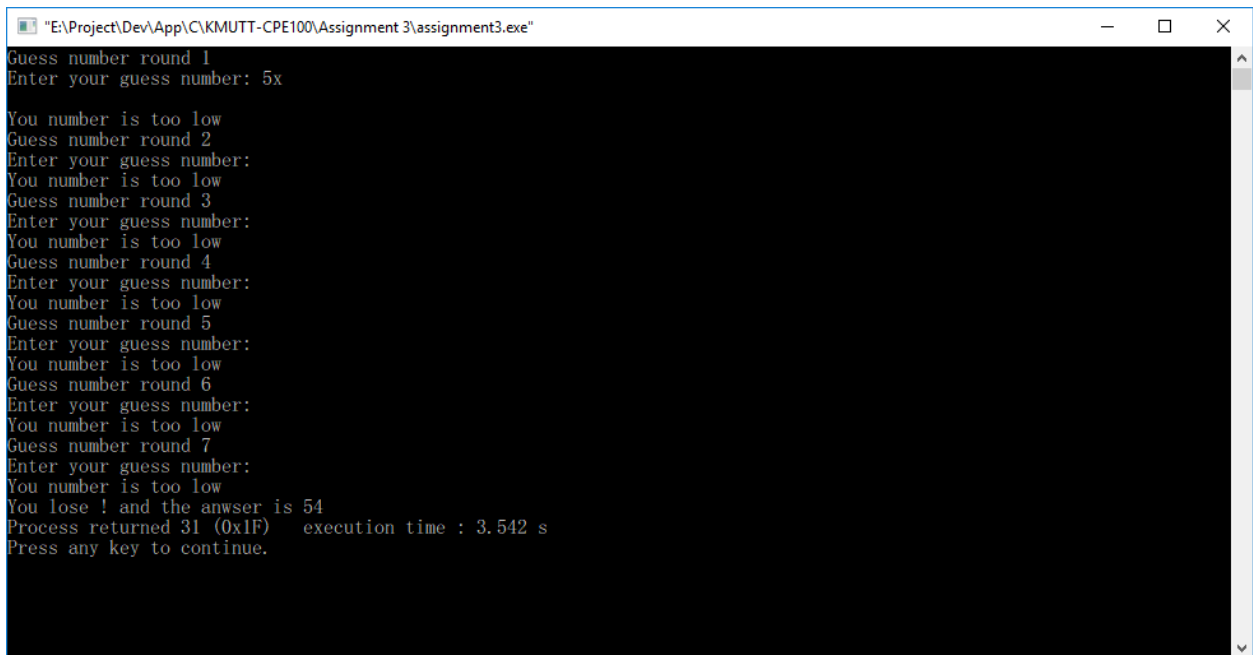


```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 5 6 7

You number is too low
Guess number round 2
Enter your guess number:
You number is too low
Guess number round 3
Enter your guess number:
You number is too low
Guess number round 4
Enter your guess number:
```

โปรแกรม error เพราะยังมีค่า 6 7 ค้างอยู่ใน buffer ทำให้ไม่อ่านค่า input ใหม่และใช้เลขที่ยังค้างอยู่มาเช็คกับคำตอบ

4.4) 5x

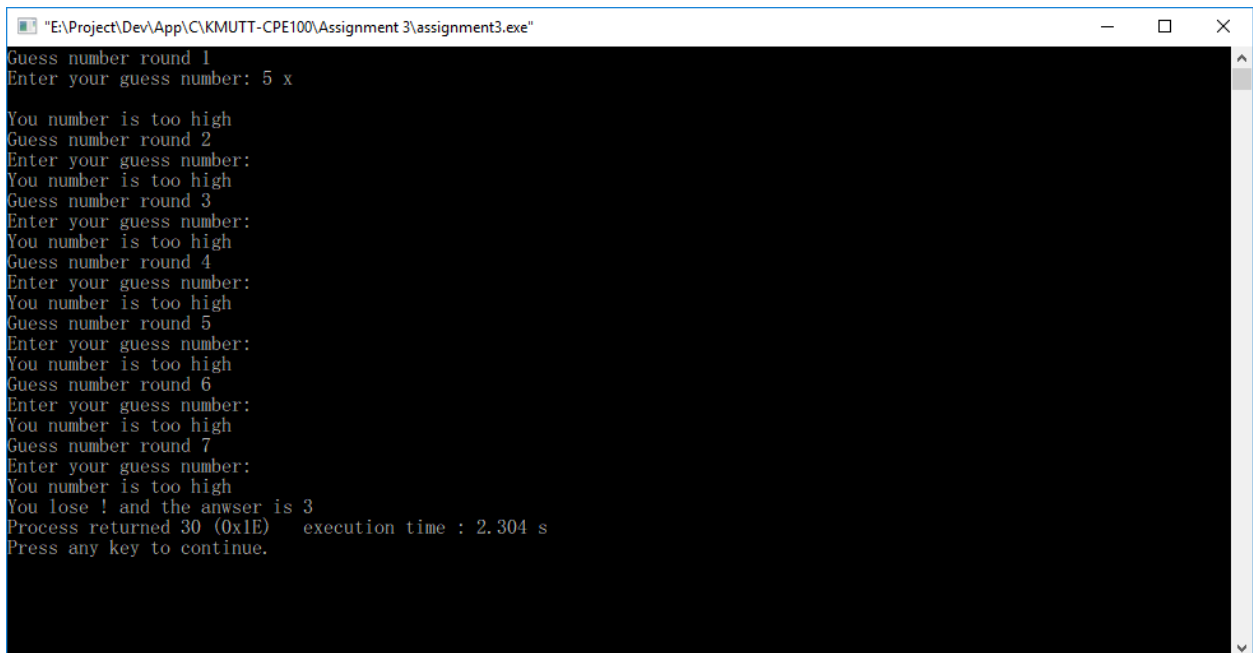


```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 5x

You number is too low
Guess number round 2
Enter your guess number:
You number is too low
Guess number round 3
Enter your guess number:
You number is too low
Guess number round 4
Enter your guess number:
You number is too low
Guess number round 5
Enter your guess number:
You number is too low
Guess number round 6
Enter your guess number:
You number is too low
Guess number round 7
Enter your guess number:
You number is too low
You lose ! and the answer is 54
Process returned 31 (0x1F)   execution time : 3.542 s
Press any key to continue.
```

โปรแกรม error มีค่า x ค้างอยู่ใน buffer ทำให้โปรแกรมไม่ยอมอ่านค่า input ใหม่และใช้ค่า x ที่ยังค้างอยู่เช็คกับคำตอบ

4.5) ใส่ 5 x



```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 3\assignment3.exe"
Guess number round 1
Enter your guess number: 5 x

You number is too high
Guess number round 2
Enter your guess number:
You number is too high
Guess number round 3
Enter your guess number:
You number is too high
Guess number round 4
Enter your guess number:
You number is too high
Guess number round 5
Enter your guess number:
You number is too high
Guess number round 6
Enter your guess number:
You number is too high
Guess number round 7
Enter your guess number:
You number is too high
You lose ! and the answer is 3
Process returned 30 (0x1E)   execution time : 2.304 s
Press any key to continue.
```

โปรแกรม error มีค่า x ค้างอยู่ใน buffer ทำให้โปรแกรมไม่ยอมอ่านค่า input ใหม่และใช้ค่า x ที่ยังค้างอยู่เช็คกับคำตอบ