

做法：

先研究出 **monster.bin** 中每個數值代表的意義，再把對應的數值重新填入即可。
例如第一個 **byte** 我就直接填 **1**，把猜數字的範圍改成 **1~1**，不足的部分，我用 **padding** 的方式補齊，讓接下來讀其他遊戲資訊時不會出錯，修改 **monster.bin** 的程式為 **40547042s.c**。詳細解題過程如下：

```
D:\C槽\文件\資工系\程式設計二\作業四\main.windows.exe
Hello Hero! Welcome to Dungeon Adventure!
Please enter your name...>40547042s
Hi, I am Monster 1.
You need to guess the number I think for 10 times constantly.
10 times left now.
Select a number you want to guess(1 - 1)...>
```

▲首先，我輸入我的學號當作勇者的名字。

```
10 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

9 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

8 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

7 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

6 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

5 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

4 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

3 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

2 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

1 times left now.
Select a number you want to guess(1 - 1)...>1
You guess 1 and the correct answer is 1!!

Congratulations, You pass stage 1!
```

▲因為我把數字範圍設在 1~1 之間，一直輸入 1 就可以通過第一關。

```
Hi, I am Monster 2.  
You need to kill me.  
Boss stats:  
hp : 20  
mp : 0  
atk: 0  
  
Your stats:  
hp : 200  
mp : 255  
atk: 255  
  
(1) Normal attack (dealing 255 damage)  
(2) Strong attack (cost 30 hp and dealing 510 damage)  
(3) Magic attack (cost 10 mp and dealing 765 damage)  
Please select a number to attack!...>1
```

▲第二關的時候我把 Boss 的血量降低到 20，攻擊力和魔力都是 0，因此他無法攻擊我；此外把我的攻擊力跟魔力都調到最大，血量是他的 10 倍。

```
Hi, I am Monster 2.  
You need to kill me.  
Boss stats:  
hp : 20  
mp : 0  
atk: 0  
  
Your stats:  
hp : 200  
mp : 255  
atk: 255  
  
(1) Normal attack (dealing 255 damage)  
(2) Strong attack (cost 30 hp and dealing 510 damage)  
(3) Magic attack (cost 10 mp and dealing 765 damage)  
Please select a number to attack!...>1  
You deal 255 damage to the boss  
Boss deal 0 damage to you  
  
Press enter to continue...  
  
Congratulations, You pass stage 2!
```

▲所以我只要隨便輸入一個攻擊模式都可以擊敗魔王。

```
Now, you need to escape from the dungeon!  
You are now at Room 0.  
There are 10 doors in front of you.  
Please Select a door you want to get in(0-9)...>1  
  
You are now at Room 1.  
There are 10 doors in front of you.  
Please Select a door you want to get in(0-9)...>1  
  
You are now at Room 2.  
There are 10 doors in front of you.  
Please Select a door you want to get in(0-9)...>1
```

▲最後是我把第三關的地窖逃脫順序都改成 1，因此只要不斷輸入 1 就可以輕鬆過關。以上是 0~2 關得通過情形。

You are now at Room 3. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 12. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 21. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 4. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 13. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 22. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 5. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 14. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 23. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 6. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 15. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 24. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 7. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 16. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 25. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 8. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 17. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 26. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 9. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 18. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 27. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 10. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 19. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 28. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>
You are now at Room 11. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 20. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>	You are now at Room 29. There are 10 doors in front of you. Please Select a door you want to get in(0-9)...>

▲之後 3~29 關得通過情形。

```

You are now at Room 25.
There are 10 doors in front of you.
Please Select a door you want to get in(0-9)...>|

You are now at Room 26.
There are 10 doors in front of you.
Please Select a door you want to get in(0-9)...>|

You are now at Room 27.
There are 10 doors in front of you.
Please Select a door you want to get in(0-9)...>|

You are now at Room 28.
There are 10 doors in front of you.
Please Select a door you want to get in(0-9)...>|

You are now at Room 29.
There are 10 doors in front of you.
Please Select a door you want to get in(0-9)...>|

Congratulations, You escape from the dungeon and find a treasure!
Your treasure's name is Apple
Press enter to continue...

```

▲最後得到寶藏。