

計算機韌體實驗 (P09) 創子手遊戲/Hangman Judge

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解題要訣

- Type string (define in <string>)的變數可以儲存任意長度的字串
 - 透過cin讀取資料

```
19      string s1, s2;
```

```
28      cin >> s1 >> s2;
```

- 讀取單一字元

```
37      if(s1[j] == s2[i]){
```

判斷輸贏

```
30      win = lose = 0;
31      left = s1.length(); Member Function
32      chance = 7;
33
34      for(i=0; i<s2.length(); i++){
35          bad = 1;
36          for(j=0; j<s1.length(); j++){
37              if(s1[j] == s2[i]){
38                  left--;
39                  s1[j] = ' '; //猜一個已經猜過的字母也算錯
40                  bad = 0;
41              }
42          }
43          if(bad) chance--;
44
45          if(!chance) lose = 1;
46          if(!left) win = 1;
47
48          if(win || lose) break;
49      }
```

將已猜到的字母標記為特殊字元
例如: 空白字元

Member Functions

- `size_t string::length();`
 - Return the length of the string, in terms of bytes
 - E.g.

```
31      left = s1.length();
```