▶Exercise

▶ i學園繳交作業於今日23:59前
分數打八折

課程小助教 (+5%)

▸ 第一排: 蕭名哲 110310105

▸ 第二排: 林晟彥 110310114

▸ 第三排: 謝旻烜 110310128

▸ 第四排: 劉千榮 110310138

▸ 第五排: 盧楷勛 110310144

▸ 第六排: 盧奕帆 107310217

▸ 游　擊: 張兆欣 107310217

▸ 　　　　蔡瑋傑 110310123

▸ 　　　　吳孟容 110310122

Exercise 1 (4 points)

▸ Please make a lottery system.

▸ Create 6 winning numbers randomly and enter 6 numbers you want (From 1 to 42). Show winning numbers, 6 numbers that you chose and what kind of prize you've got.

▸ Please use <mark>pointer</mark> to finish this program.
(※頭獎對中6個, 二獎對中5個, 三獎對中4個, 四獎對中3個, 五獎對中2個, 共辜0~1個）

<mark>Use the format:</mark>

```
int Check(int* Number, int* Guess);

int main(void)
{
    int Number[SIZE] = { 0 }, Guess[SIZE] = { 0 }, Count = 0;
    const char* Prize[SIZE] = { "頭獎","二獎","三獎","四獎","五獎","共辜" };
```

<mark>Result:</mark>

```
Please enter number 1 : 12
Please enter number 2 : 24
Please enter number 3 : 36
Please enter number 4 : 1
Please enter number 5 : 3
Please enter number 6 : 5
中獎號碼   9 21  6  5 30 15
    選號  12 24 36  1  3  5

共辜
```

```
Please enter number 1 : 17
Please enter number 2 : 32
Please enter number 3 : 35
Please enter number 4 : 9
Please enter number 5 : 13
Please enter number 6 : 20
中獎號碼  17 32 35  9 13 21
    選號  17 32 35  9 13 20

二獎
```

Exercise 2 (2 points)

▸ Please enter a string by themselves and calculate the number of 'a'.

▸ Please use pointer to finish this program.

Hint:
```c
int main(void)
{
    char a[20];
    printf("請輸入一行字串:");
    scanf_s("%s", a, (unsigned)_countof(a));
    char* p = a;
    int count = 0;
```

Result:
```
請輸入一行字串:autobiography
"autobiography"
上列字串共有2個'a'字元
```

wk12_ex1.txt   wk12_ex2.txt