Operators

1. 定義一個整型變量 a。
   對 a 賦值 1。

2.　a is 5

3.　3　3

4.　~~a is T~~
   ~~Compile error~~
   ~~if(-3 < a && a < 3)~~

a is -1
-3 < a < 3 is True
-3 < a < 0 is False

5. Compile error
   if(i<MAX && a[i] < 3)

6. a[0] is 1
   b[0] is 1
   a[1] is 2
   b[1] is 2
   a[2] is 3
   b[2] is 3

7. The size of char is 1
   "   2
   "   4
   "   ~~8~~
   "   ~~16~~
   "   16
   "   ~~8~~
   "   16

Conditional Statement

1.　a < 0 ?　　*注意 ;*

2. 3 4 5 Default

3. 1　5　117

4. play　　*goto !!!*

⋮

Loops

1. 0
   1
   2
   0
   1
   2

2. T is 3
   T is ~~2~~
   T is 0
   final T is -1
   T is 2
   T is 1
   final T is 0

3. 0
   0

4. i is 0
   j is 0
   j is 2
   j is 4
   j is 6
   j is 8
   final i is 0
   final j is 10

Scope and Lifetime of Variables

☆1. 0
   1
   2
   1
   0
   1
   3
   3
   0
   3
   4
   3

The initial value
of global variables
is 0.
extern : used to
access variable in
another file or global
variable.

Double A

2. func1 a is 1
   func1 a is 1
   func1 a is 1
   func2 a is 1
   func2 a is 2
   func2 a is 3
   func3 a is 1
   func3 a is 1
   func3 a is 1
   main is 117

Compiler Preprocessor

1. a is 1
    b is 1
    a is 0
    b is 1

2. +20 117   #define is done before compile.
    117 10

3. 宏定義不能有空格
    & 10

4. alone
    :
    :
                    #define 可用 \ 来多行定義

這次的作業結果讓我非常訝異，除了#define以
外，我覺得自己錯的都是非常基礎的，像是(T--)，
我覺得這是值得警惕的問題，原來我自認熟
悉的範圍，實際是漏了洞百出。而宏定義的部分
我也會盡力加強，希望能更快掌握吧！