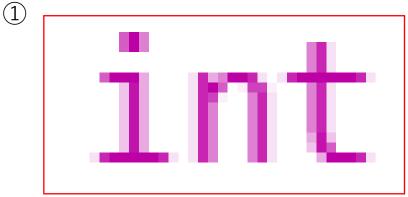
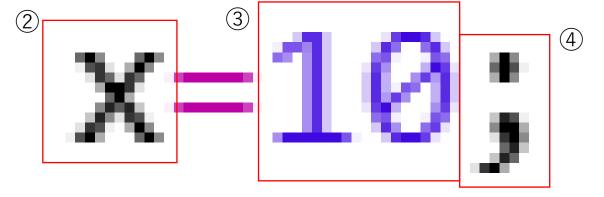
程式設計 (一)

A: name of the variable
B: in the view of hard-ware.
It's a memory location with space to restore data.

SemicolonA terminator of a statement





①date type integer 0,1,2,3… -1,-2,-3…

Rule →before using a variable must define its data type.

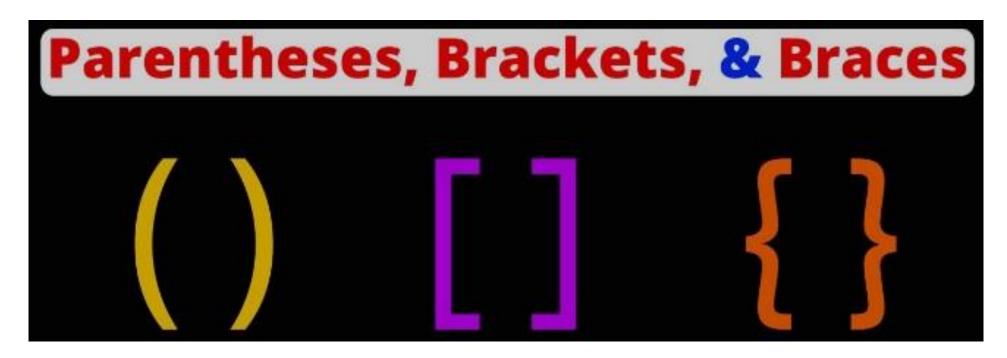
A:This sigh will assign the data in the right side to the last variable's space
 B:this operation is called 'assignment'
 Its is an execution symbol (or sigh)

```
int main() {
    int x=10;
    int y=25;
    int z=x+y;
    printf("Sum of x+y = %i", z);
}
```

{ } braces 大括號 ↑

Statements: composed of descriptions, logic, loop etc.

Google to find out C language braces: used to signify the start and end of a series of statements



() Parentheses

A: in the end of function name. there is a parentheses B: it is used to indicate a function

Google to find out C language parentheses: used to surround input parameters

of a function call.

[] Brackets

Use to indicate an array which is a data structure in C

} Braces 大括號

Statements: composed of descriptions, logic, loop etc.

Google to find out
C language braces: used to signify the start and end of a series of statements

Date type of variable

A: before using a variable we must declare its data type B: the reason for example, our integer and character are, same to the machines

ANSI A.N.S.I American national standard Institute \neq Chinese Program → (ASCI) → Compiler → Machine code Japanese #include <stdio.h> int main() 3 □ // Data type Execute → compile → execute → run 5 int var = 65 Process exited after 0.5722 seconds with return value 0 Press any key to continue . . . 6 7 printf("%c", var); 8 return 0: 9 #include <stdio.h> int main() 3 □ { 4 // Data type

Process exited after 0.4468 seconds with return value 0

Press any key to continue . . .

Execute → compile → execute → run

5

6

7

8 9

10

int var = 97

return 0;

printf("%c", var);

printf (contol string, arg1, arg2,...);

#include <stdio.h>

A is the control statement control format for presentation B,C ··· are arguments, no control