

High level
hwl.c
source code

Machine lang. [CPU]
hwl.o
hwl.obj - windows
object code

compile →

compiler directives

#include
#define
#ifdef
#else

link
executable

#include "file" - in folder
< > - w/ compiler installed

Function prototype / function declaration → void swap(int, int);

Function call - min 0, can call fn as much as you want

Function definition - 1 function def.

ONLY

```
void main()
{
    swap(a,b);
}
```

c - parameter passing by value

int a;

scanf("%d", &a); 10 6 20 <ENTER>

fgets - strings
stop after first newline
does not skip leading w/s

↓

'1'	'0'	'6'	'2'	'0'	'\n'
'6'	'6'	'1'	'0'	'6'	'\n'

nextInt ↗

skip over leading whitespace
stop @ 1st trailing w/s