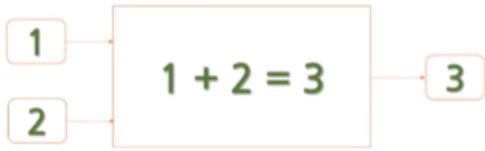
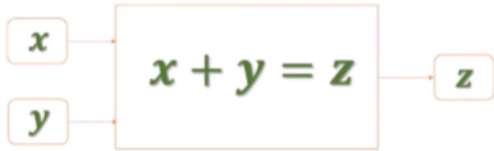
값 value

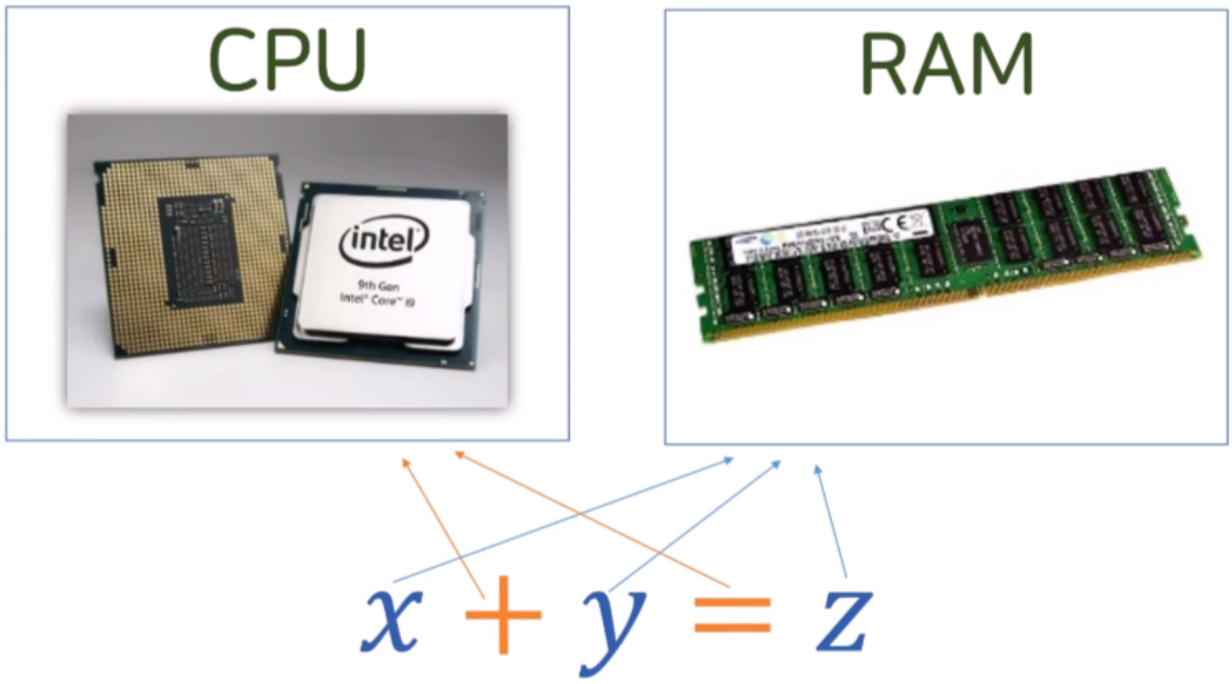
$$1 + 2 = 3$$



변수 variable

$$x + y = z$$





```c
#include <stdio.h>

int main(void)
{
    int x;
    int y;
    int z;

    x = 1;
    y = 2;
    z = x + y;

    printf("Result is %i", z);

    return 0;
}
```

변수 선언

주소	메모리
8	...
9	...
10	???
11	???
12	???
13	...

```c
#include <stdio.h>

int main(void)
{
    int x;
    int y;
    int z;

    x = 1;
    y = 2;
    z = x + y;

    printf("Result is %i", z);

    return 0;
}
```

CPU

1 + 2 = 3

연산 결과를 변수에 대입

주소	메모리
8	...
9	...
10	1
11	2
12	3
13	...

변수 덕분에 프로그래머가 작업을 더 편리하게 할 수 있다!!