



EDDI

Electronic Design  
Development Institute

---

# 에디로봇아카데미

## 임베디드 마스터 Lv1 과정

제 5기

2021. 05. 17

Lee Sungkil

# CONTENTS

1) vi를 이용해 .파일을 만들고, 컴파일 진행

```
vi vi_operation.c
#include <stdio.h>

int main(void)
{
    int variable = 10;
    int num = 0;

    for(int i = 0; i < variable; i++)
    {
        printf("%d + ", i);
        num += i;
    }

    printf("%d = ", variable);
    num += variable;
    printf("%d\n", num);

    return 0;
}
-- INSERT --
```

실행 코드 결과

→ SungkilLee git:(main) x ./vi\_operation

0 + 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55

# CONTENTS

## 2) Gedit을 이용해 .c파일을 만들고, 컴파일 진행

```
*gedit_operation.c (~/EmbeddedMasterLv1/571/SungkilLee) - gedit
1 #include <stdio.h>
2
3 int main(void)
4 {
5     int variable = 100;
6     int num = 0;
7
8     for(int i = 0; i < variable; i++)
9     {
10         printf("%d + ", i);
11         num += i;
12     }
13
14     printf("%d = ", variable);
15     num += variable;
16     printf("%d\n", num);
17
18     return 0;
19 }
```

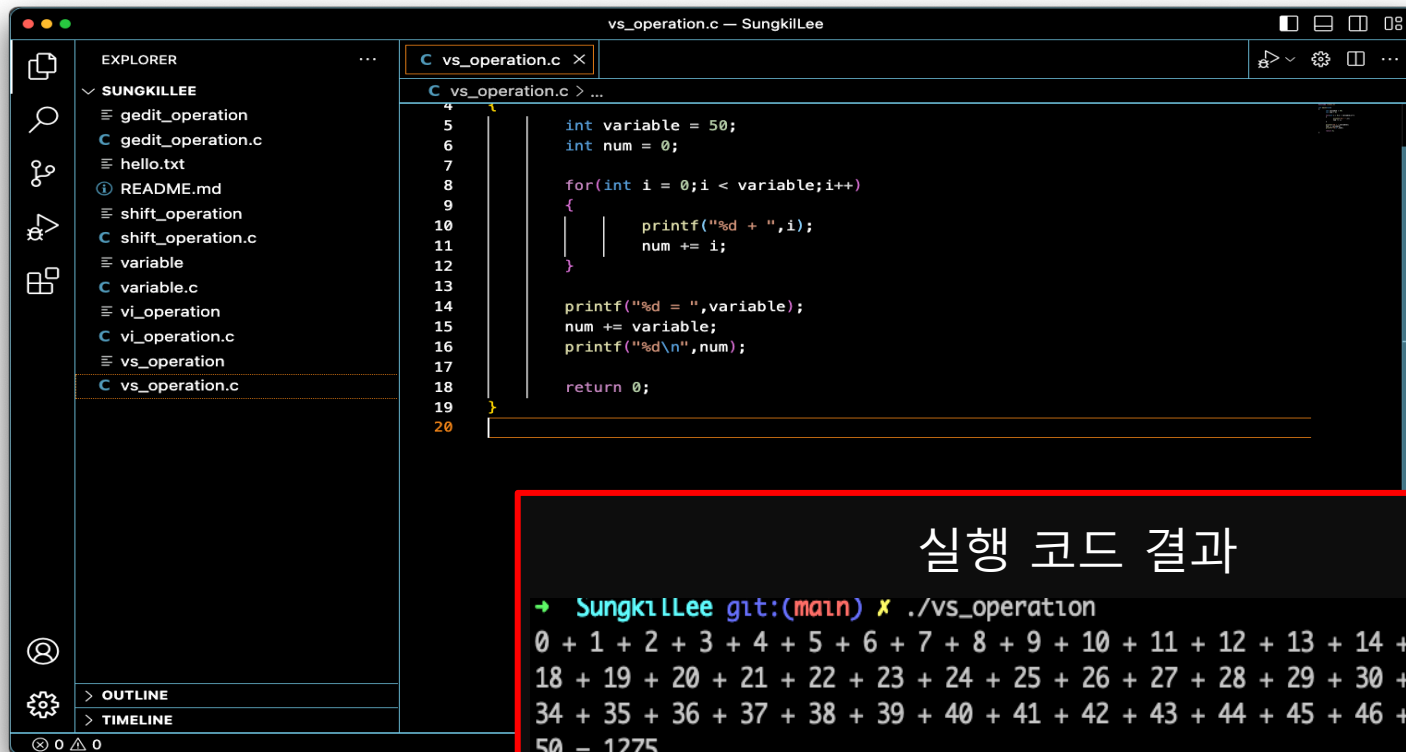
### 실행 코드 결과

→ SungkilLee git:(main) x ./gedit\_operation

```
0 + 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 +
18 + 19 + 20 + 21 + 22 + 23 + 24 + 25 + 26 + 27 + 28 + 29 + 30 + 31 + 32 + 33 +
34 + 35 + 36 + 37 + 38 + 39 + 40 + 41 + 42 + 43 + 44 + 45 + 46 + 47 + 48 + 49 +
50 + 51 + 52 + 53 + 54 + 55 + 56 + 57 + 58 + 59 + 60 + 61 + 62 + 63 + 64 + 65 +
66 + 67 + 68 + 69 + 70 + 71 + 72 + 73 + 74 + 75 + 76 + 77 + 78 + 79 + 80 + 81 +
82 + 83 + 84 + 85 + 86 + 87 + 88 + 89 + 90 + 91 + 92 + 93 + 94 + 95 + 96 + 97 +
98 + 99 + 100 = 5050
```

# CONTENTS

## 3) Vs code를 이용해 .c파일을 만들고, 컴파일 진행



The screenshot shows the VS Code editor with the file 'vs\_operation.c' open. The code is as follows:

```
4  
5     int variable = 50;  
6     int num = 0;  
7  
8     for(int i = 0; i < variable; i++)  
9     {  
10        printf("%d + ", i);  
11        num += i;  
12    }  
13  
14    printf("%d = ", variable);  
15    num += variable;  
16    printf("%d\n", num);  
17  
18    return 0;  
19  
20
```

Below the code, the execution results are shown in a terminal window:

```
→ SungkilLee git:(main) x ./vs_operation  
0 + 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 +  
18 + 19 + 20 + 21 + 22 + 23 + 24 + 25 + 26 + 27 + 28 + 29 + 30 + 31 + 32 + 33 +  
34 + 35 + 36 + 37 + 38 + 39 + 40 + 41 + 42 + 43 + 44 + 45 + 46 + 47 + 48 + 49 +  
50 = 1275
```