



EDDI

Electronic Design
Development Institute

에디로봇아카데미 임베디드 마스터 Lv# 과정

제 5기

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박 상호

Vim

```
psh@ubuntu: ~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제
psh@ubuntu:~/repo$
psh@ubuntu:~/repo$
psh@ubuntu:~/repo$ cd academy/
psh@ubuntu:~/repo/academy$
psh@ubuntu:~/repo/academy$
psh@ubuntu:~/repo/academy$
psh@ubuntu:~/repo/academy$ cd EmbeddedMasterLv1/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1$ cd 57/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$ cd SanghoPark/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$ cd '2주차 숙제'
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$ vim vim_test.c
```

Vim 실행
vim (File Name)

Vim

[illegible]

Insert Mode

- 'i' : Cursor 부터 문자 입력
- 'a' : Cursor 다음부터 문자 입력
- 'o' : Cursor 아래 줄부터 문자 입력

Normal Mode

- <ESC> Key

Command Mode

- **‘.’** Key
- **e** (File Name) : 열기
- **w** (File Name) : 저장
- **q** : 종료
- **wq** (File Name) : 저장 후 종료
- **wq!** (File Name) : 저장 후 강제 종료

gedit



```
*gedit_test.c
~/repo/academy/EmbeddedMasterLv1/S7I/SanghoPark/2주...
Save

1 #include <stdio.h>
2
3 int main (void)
4 {
5     printf("gedit test\n");
6
7     return 0;
8 }

C Tab Width: 8 Ln 5, Col 32 INS
```

gedit

Linux 환경에서의 GUI Text Editor

gcc - Vim

```
psh@ubuntu: ~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|$ cd SanghoPark/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark$ cd '2주차 숙제'
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$ vim vim_test.c
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$ gcc -W -Wall -o vim_test vim_test
gcc: fatal error: input file 'vim_test' is the same as output file
compilation terminated.
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$ gcc -W -Wall -o vim_test vim_test.
c
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$ ./vim_test
vim test
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57|SanghoPark/2주차 숙제$
```

기본 Command

gcc (File Name)

기본 Options

- -W : 합법적이나 모호한 문법 경고
- -Wall : 모든 모호한 문법 경고
- -o (File Name) : Output File 이름

gcc - gedit

```
psh@ubuntu: ~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$ cd 57/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57$ cd SanghoPark/
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$ ls
2주차 '2주차 숙제' hello.txt README.md
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark$ cd '2주차 숙제'
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$ gedit gedit_test.c
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$ gcc -W -Wall gedit_test.c -o gedit_test
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$ ./gedit_test
gedit test
psh@ubuntu:~/repo/academy/EmbeddedMasterLv1/57/SanghoPark/2주차 숙제$
```

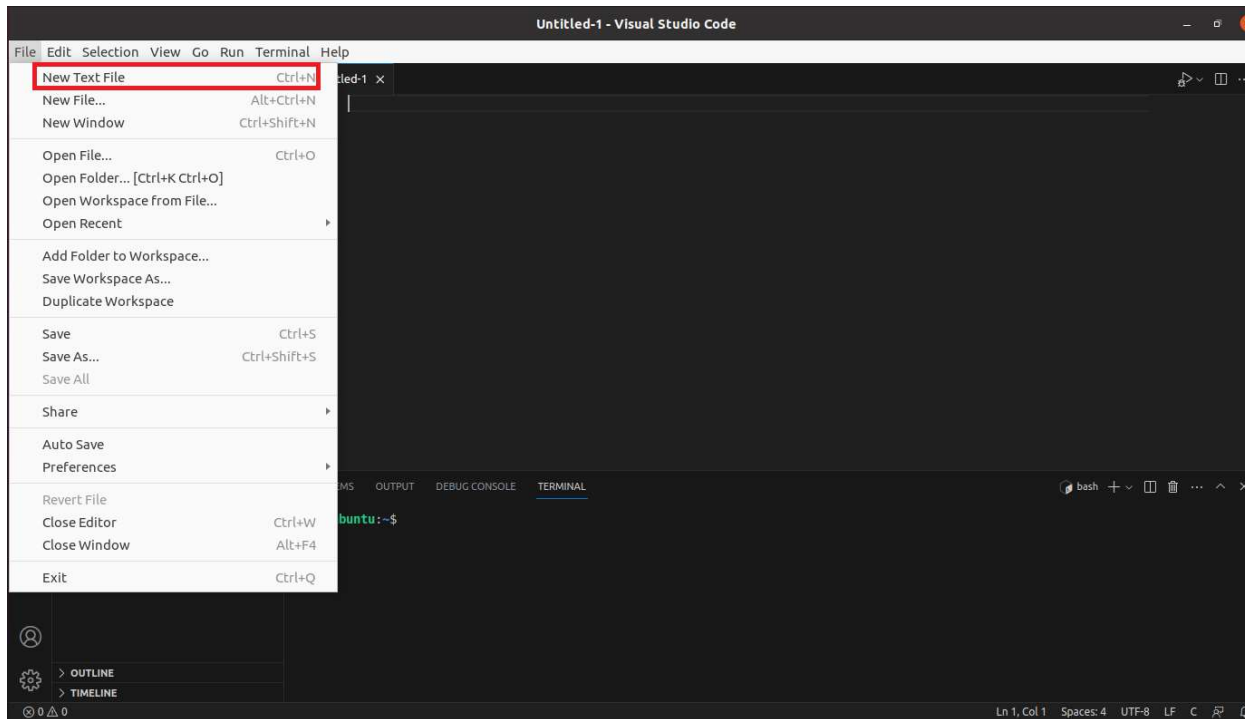
기본 Command

gcc (File Name)

기본 Options

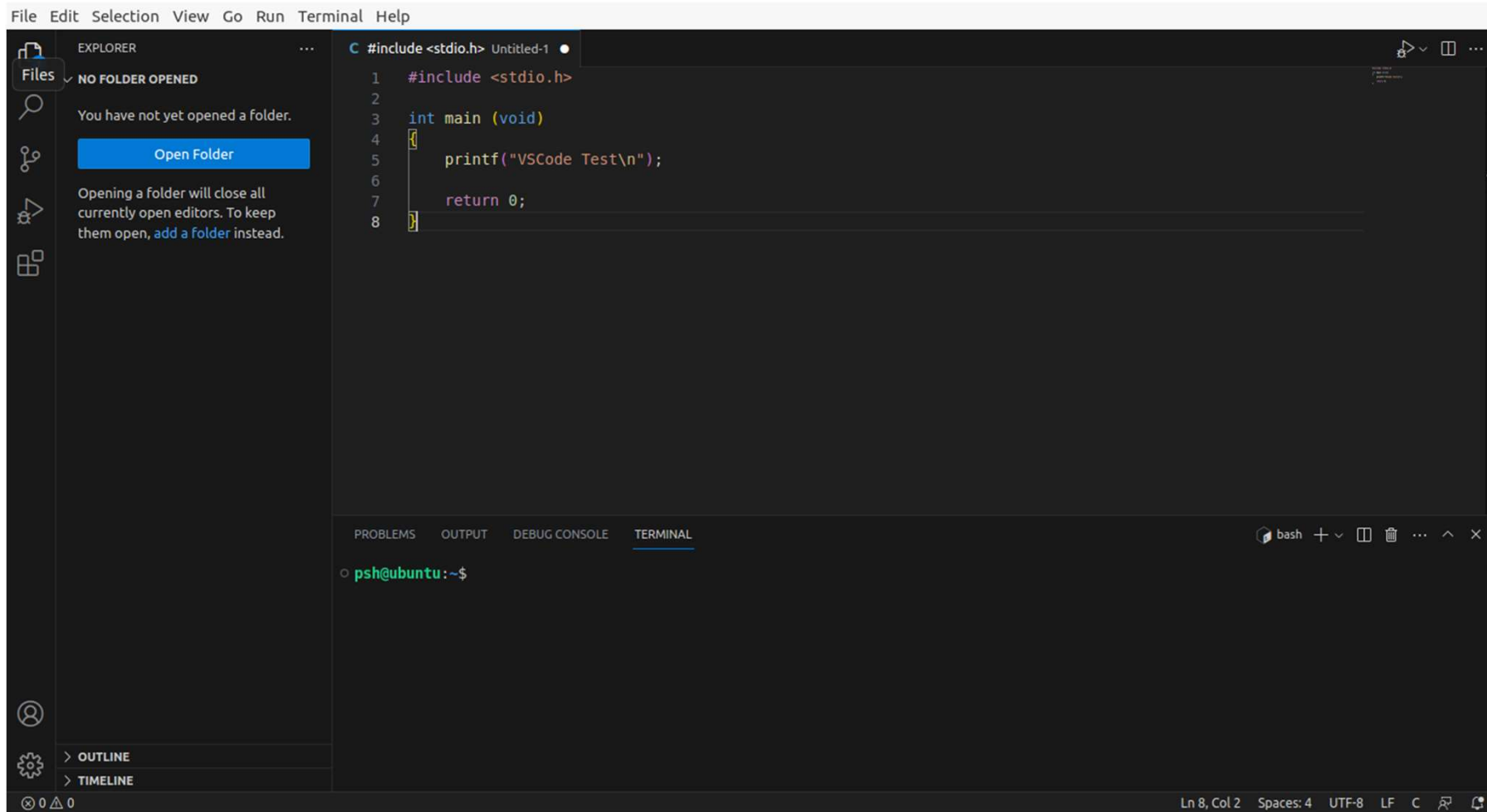
- -W : 합법적이나 모호한 문법 경고
- -Wall : 모든 모호한 문법 경고
- -o (File Name) : Output File 이름

VS Code

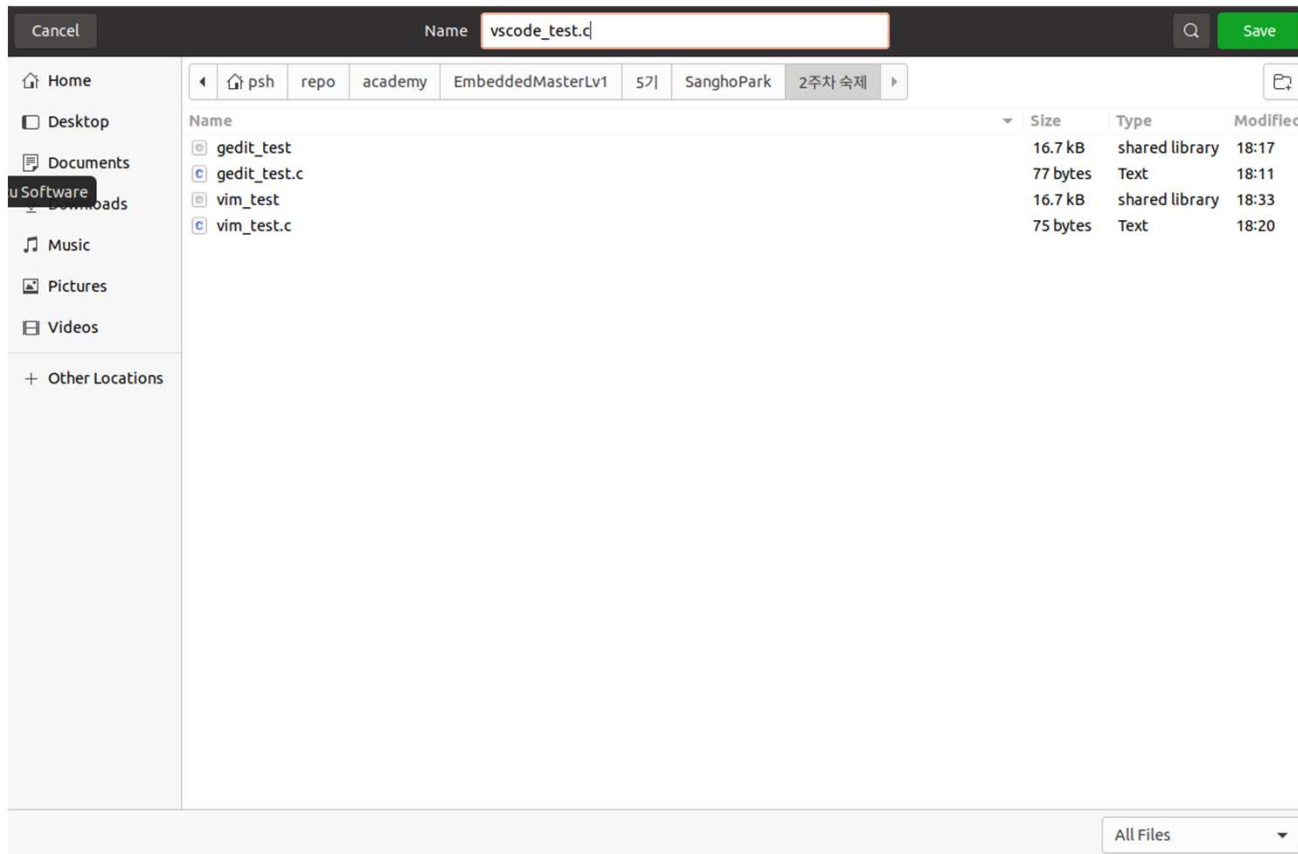


Text 파일 생성
Toolbar > File > New Text File

VS Code



VS Code

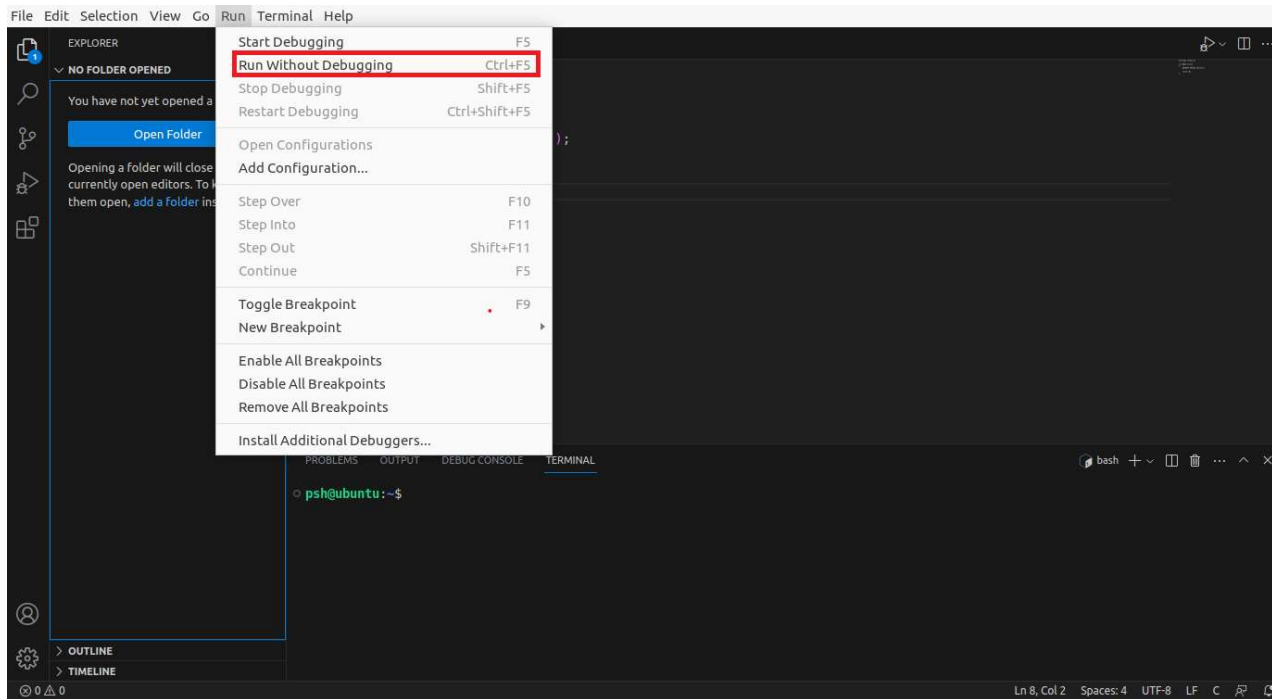


File 저장

Toolbar > Save (Ctrl + S)

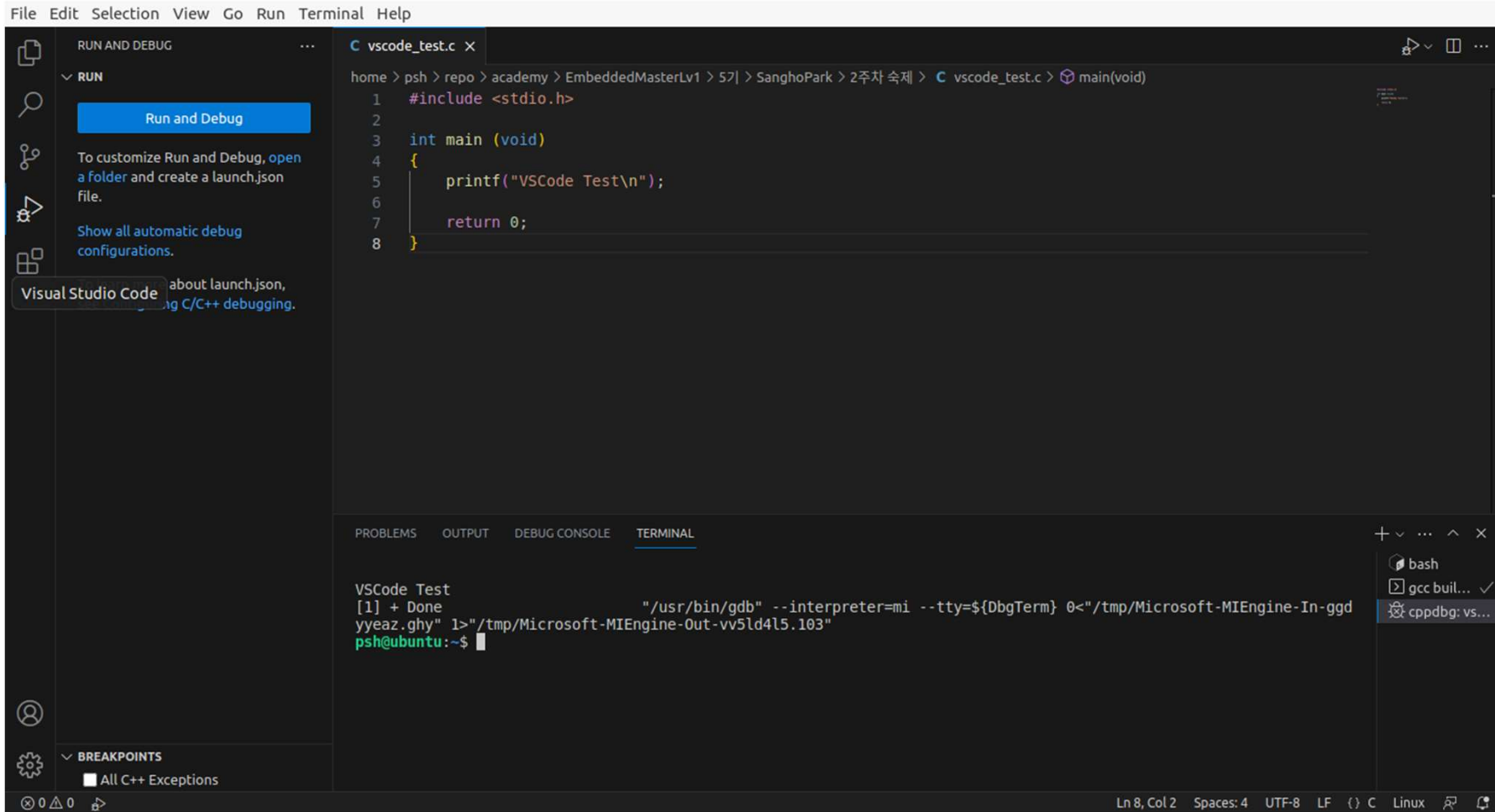
Toolbar > Save As (Ctrl + Shift + S)

VS Code



Run & Debug
Start Debugging (F5)
Run Without Debugging (Ctrl + F5)

VS Code – Result



The screenshot displays the Visual Studio Code (VS Code) interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The left sidebar shows the 'RUN AND DEBUG' section with a 'Run and Debug' button and instructions on how to customize settings. The main editor area shows a C file named 'vscode_test.c' with the following code:

```
1 #include <stdio.h>
2
3 int main (void)
4 {
5     printf("VSCode Test\n");
6
7     return 0;
8 }
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
VSCode Test
[1] + Done
yyeaz.ghy" 1>"/tmp/Microsoft-MIEngine-Out-vv5ld4l5.103"
psh@ubuntu:~$
```

The status bar at the bottom indicates the current line and column (Ln 8, Col 2), spaces (4), encoding (UTF-8), line ending (LF), and the active language (C).