



G-CAMP WORKSHOP

BUILD THE RIGHT THING
BUILD THING RIGHT
SHIP FAST

Lecturer Kim Myoung-Ho
Nickname 불스
blogstudy@naver.com

4강_프로그램 기본 구조

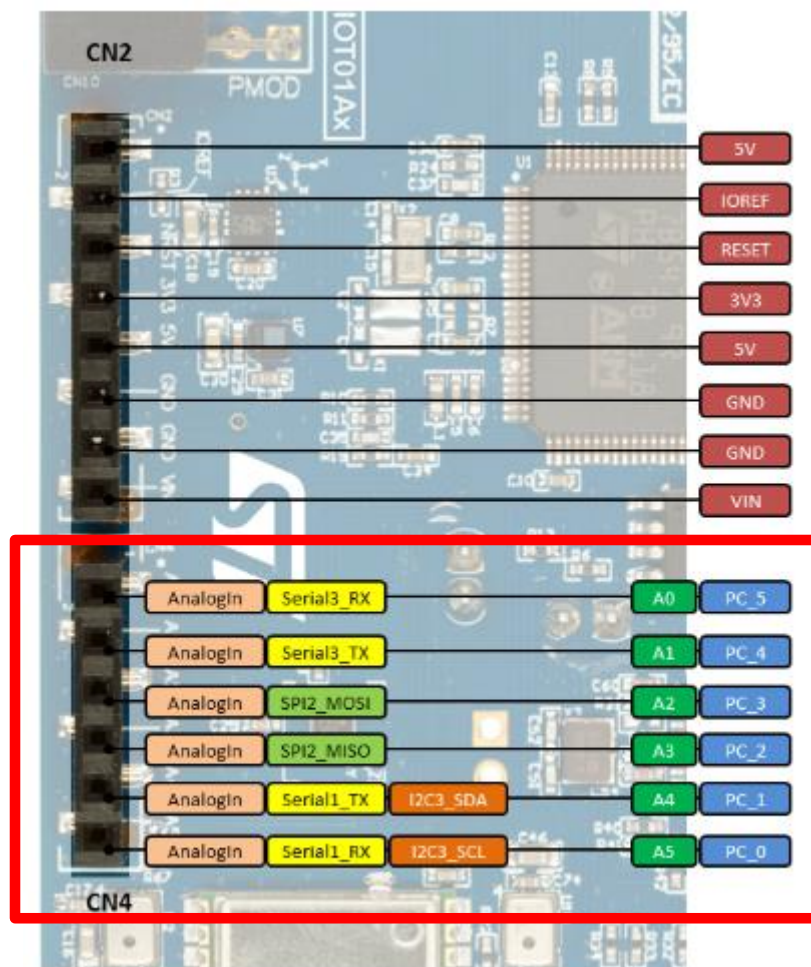
- Disco L475 Pin map
- 새로운 프로그램 생성
 - 프로그램 구조



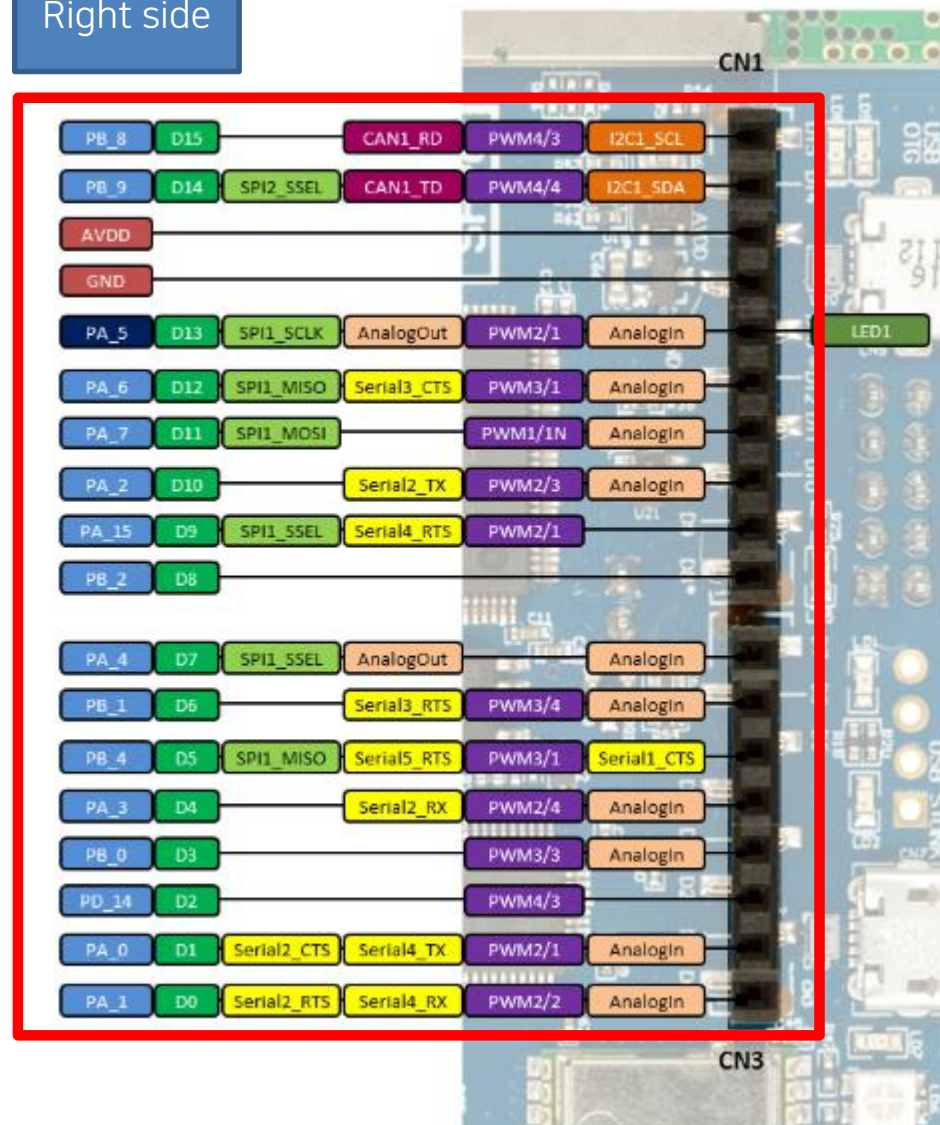
4-1. Disco L475 Pin map



Left side



Right side





4-2. 새로운 프로그램 생성



새로운 프로그램 생성

Create new program

Create new program for "DISCO-L475VG-IOT01A"
This will create a new C++ program for "DISCO-L475VG-IOT01A" in your workspace. You can always change the platform of this program once created.

Please specify program name

Platform: DISCO-L475VG-IOT01A

Template: Empty Program

Program Name: DigitalOutEx
The name of the program to be created in your workspace

OK Cancel

main.cpp 파일 생성

Create new file

Create new file
Use this form to create a new file with .cpp or .h extensions

Please specify file name

File Name: main.cpp
This folder will be created in "/DigitalOutEx"

OK Cancel

mbed 라이브러리 추가

Import Library

Import a library from os.mbed.com into a program in your workspace.

Please specify name

Source URL: https://os.mbed.com/users/mbed_official/code/mbed/

Import As: ☐ Program ☒ Library

Import Name: mbed

Target Path: DigitalOutEx

New Program: Optional

Update: ☐ Update all sub-libraries to the latest revision

Import Cancel



4-3. 프로그램 구조

```
#include "mbed.h"
```

라이브러리

```
DigitalOut led(LED1);
```

전처리

```
int main()
```

메인 함수

```
{
```

초기화

```
while(1) {  
    led = 1;        // LED is ON  
    wait(1);        // 1000 ms  
    led = 0;        // LED is OFF  
    wait(2);        // 2000 ms  
}
```

프로그램 실행

```
}
```