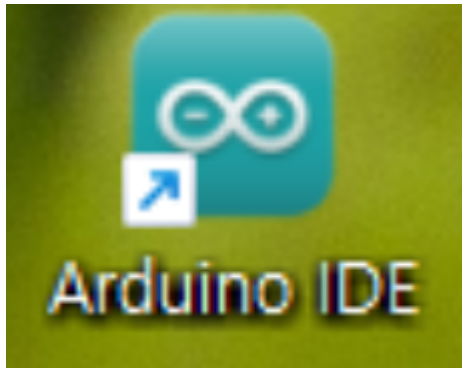


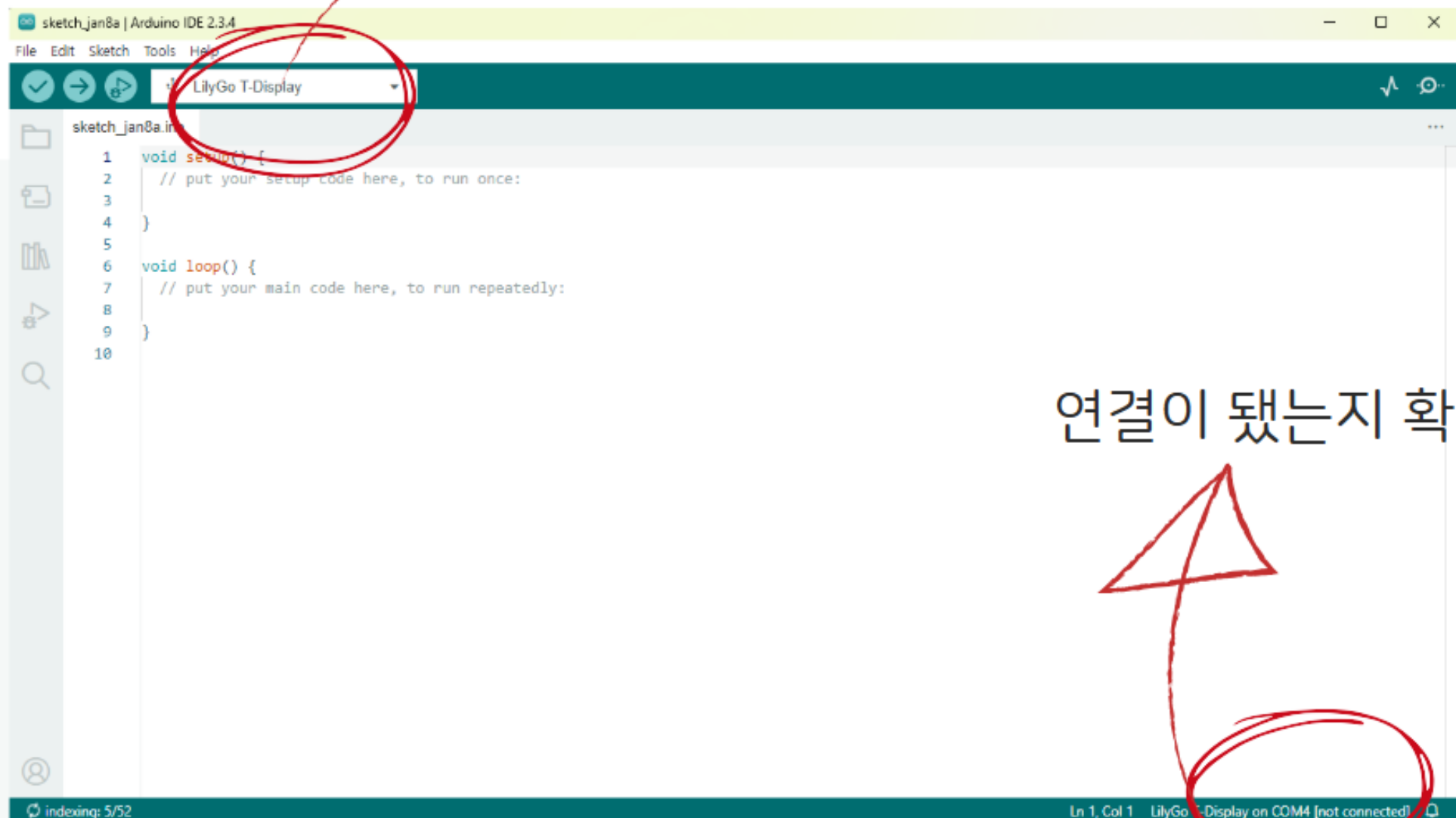
아두이노 IDE 설정

아두이노 IDE 설정



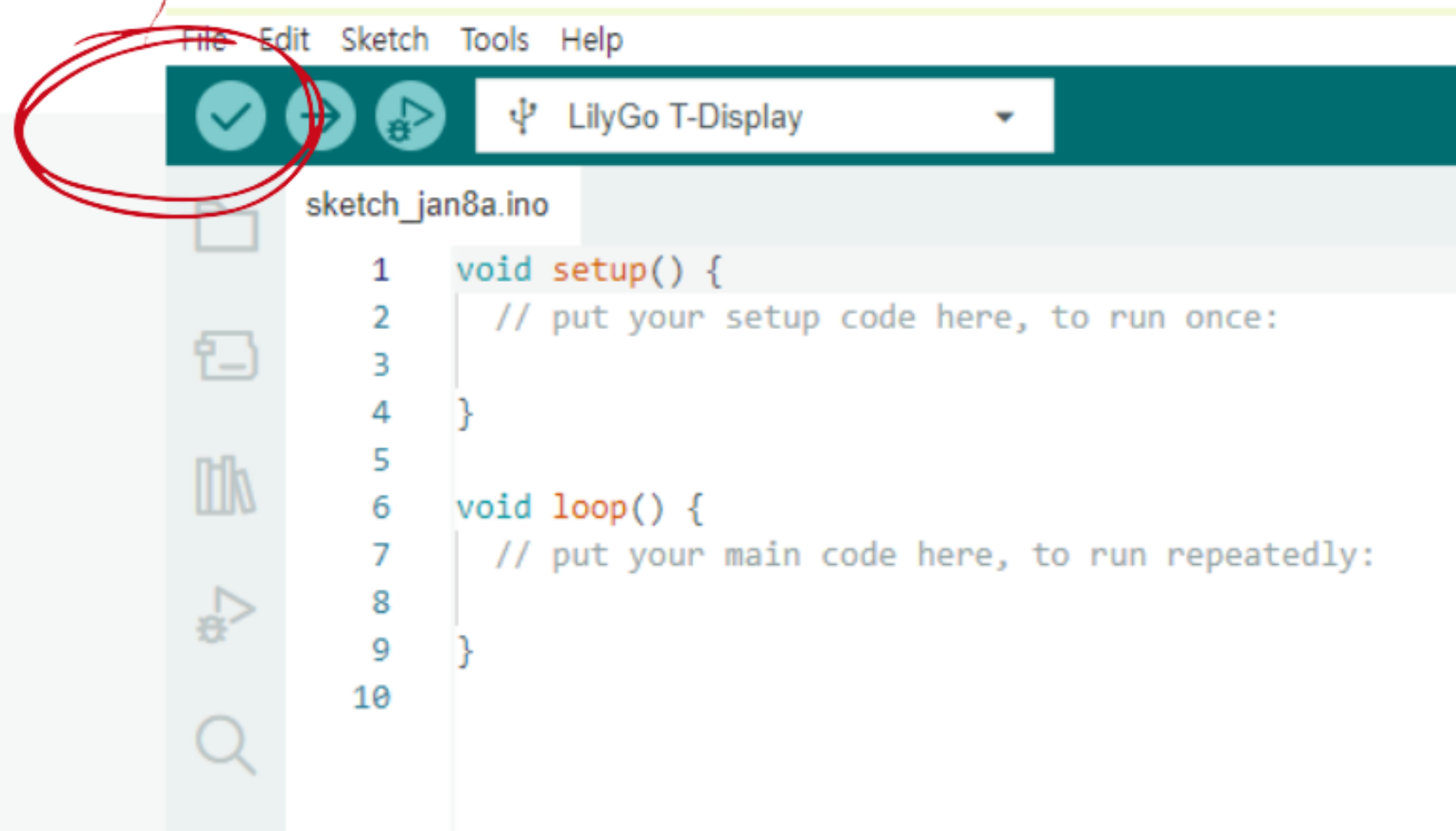
왼쪽과 같은 앱을 찾고 더블클릭

사용하고 있는 보드 설정



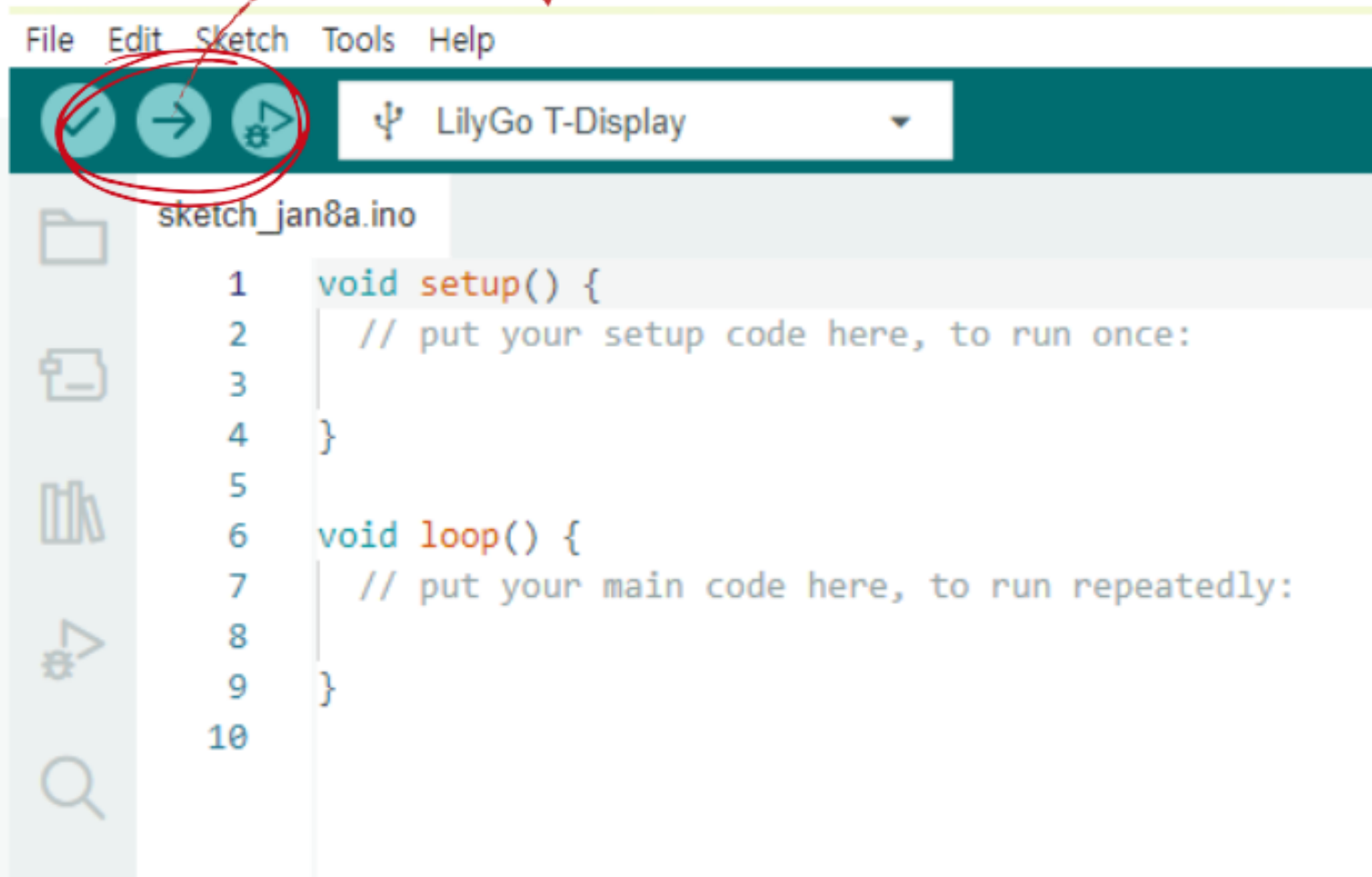
연결이 됐는지 확인 가능

내 코드에 오류가 없는지 검사하기
(컴파일)





아두이노에게 코드주기(업로드)





```
File Edit Sketch Tools Help
LilyGo T-Display
sketch_jan8a.ino
1 void setup() {
2   // put your setup code here, to run once:
3
4 }
5
6 void loop() {
7   // put your main code here, to run repeatedly:
8
9 }
10
```

처음에 한번만 작동(loop가 돌기 전에)

전력이 공급되어 있으면 계속 작동



File Edit Sketch Tools Help



LilyGo T-Display

sketch_jan8a.ino

```
1 void setup() {  
2   // put your setup code here, to run once:  
3  
4 }  
5  
6 void loop() {  
7   // put your main code here, to run repeatedly:  
8  
9 }  
10
```

아두이노 IDE에서 다룰수 있는 보드 추가

아두이노 IDE에서 다룰수 있는 라이브러리 추가

또 다른 방법

file Edit Sketch Tools Help

Auto Format Ctrl+T

Archive Sketch

Manage Libraries Ctrl+Shift+I

Serial Monitor Ctrl+Shift+M

Serial Plotter

Firmware Updater

Upload SSL Root Certificates

Board: "LilyGo T-Display" ▶

Port: "COM4" ▶

Reload Board Data

Get Board Info

CPU Frequency: "240MHz (12.000MHz)"

Core Debug Level: "None" ▶

Erase All Flash Before Sketch Upload: "Disabled" ▶

Events Run On: "Core 1" ▶

Flash Frequency: "80MHz" ▶

Flash Mode: "QIO" ▶

Flash Size: "4MB (32Mb)" ▶

Arduino Runs On: "Core 1" ▶

Partition Scheme: "Default 4MB with spiffs (1.2MB APP/1.5MB SPIFFS)" ▶

PSRAM: "Disabled" ▶

Upload Speed: "921600" ▶

Programmer ▶

Burn Bootloader

Boards Manager... Ctrl+Shift+B

Arduino AVR Boards ▶

esp32 ▶

아두이노 IDE에서 다룰수 있는 라이브러리 추가

아두이노 IDE에서 다룰수 있는 보드 추가

보드 매니저

The screenshot shows the Arduino IDE 2.3.4 interface. The 'Boards Manager' tab is active on the left. It features a search bar, a 'Type' dropdown set to 'All', and a list of board categories: 'Arduino AVR Boards', 'Arduino ESP32 Boards', and 'Arduino Mbed OS Edge Boards'. The 'Arduino AVR Boards' section shows '1.8.6 installed' and a list of boards including 'Arduino Esplora', 'Arduino BT', 'LilyPad Arduino USB', and 'LilyPad...'. The 'Arduino ESP32 Boards' section shows '2.0.18-' and an 'INSTALL' button. The 'Arduino Mbed OS Edge Boards' section shows 'More info'. The main editor area on the right displays a sketch named 'sketch_jan12a.ino' with the following code:

```
1 void setup() {  
2   // put your setup code here, to run once:  
3  
4 }  
5  
6 void loop() {  
7   // put your main code here, to run repeatedly:  
8  
9 }  
10
```

Red annotations highlight key features: a red circle around the search bar, a red circle around the '1.8.6' version dropdown, a red circle around the 'INSTALL' button, and a red circle around the 'Arduino ESP32 Boards' category. Red arrows point from these circles to labels: '보드 검색' (Board Search) points to the search bar, '보드 버전' (Board Version) points to the version dropdown, '보드 이름' (Board Name) points to the board list, and '다운로드(INSTALL) 또는 제거(REMOVE) 가능' (Download(INSTALL) or Remove(REMOVE) possible) points to the 'INSTALL' button. A yellow curved arrow points from the top right towards the interface.

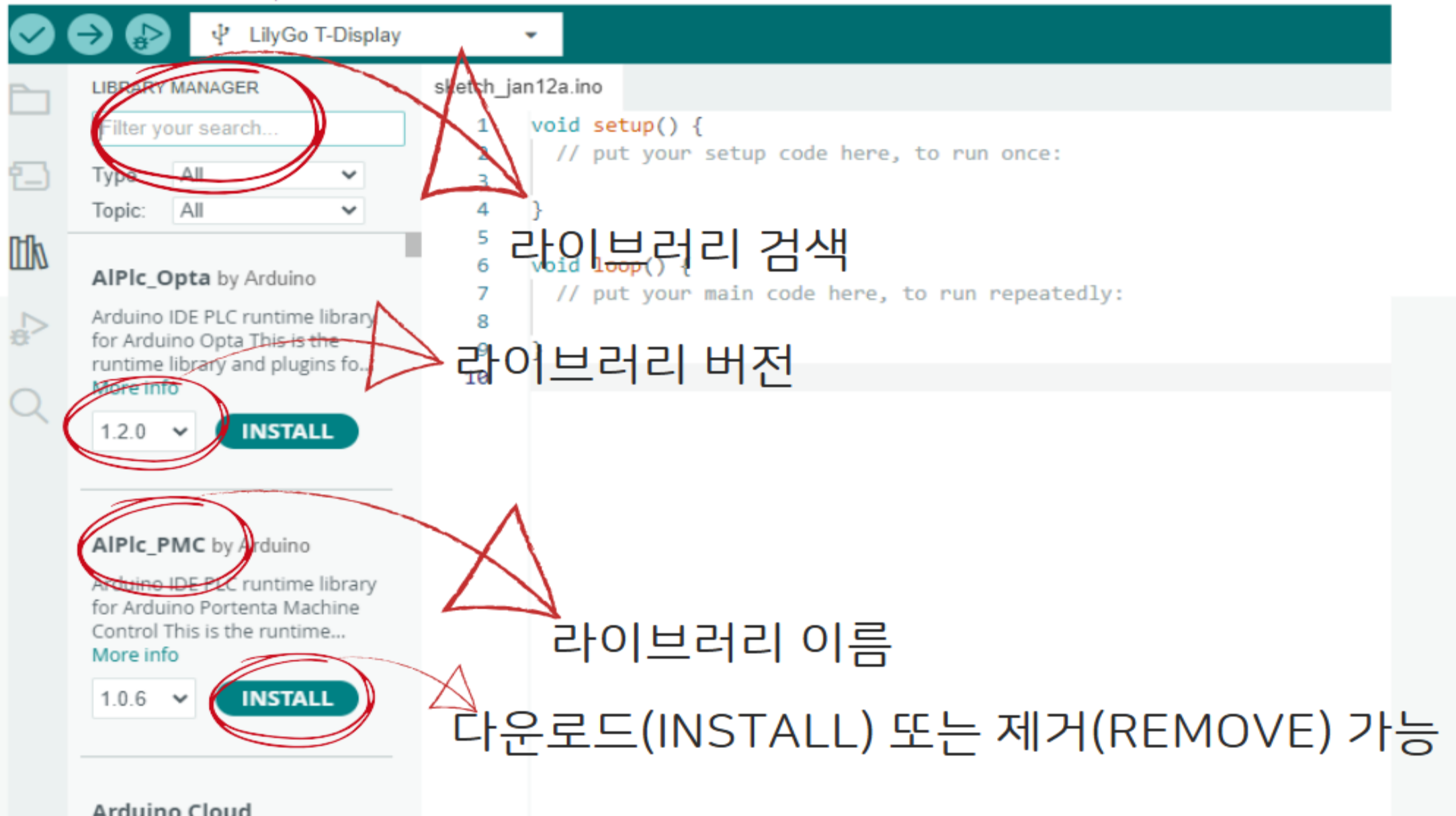
보드 검색

보드 버전

보드 이름

다운로드(INSTALL) 또는 제거(REMOVE) 가능

라이브러리 매니저



The screenshot shows the Arduino IDE Library Manager window. The top bar indicates the selected board is 'LilyGo T-Display'. The left sidebar contains icons for File, Edit, View, and Search. The main area displays a list of libraries. The first library is 'AIPlc_Opta' by Arduino, with a version dropdown set to '1.2.0' and an 'INSTALL' button. The second library is 'AIPlc_PMC' by Arduino, with a version dropdown set to '1.0.6' and an 'INSTALL' button. The right pane shows the sketch code for 'sketch_jan12a.ino'.

라이브러리 검색

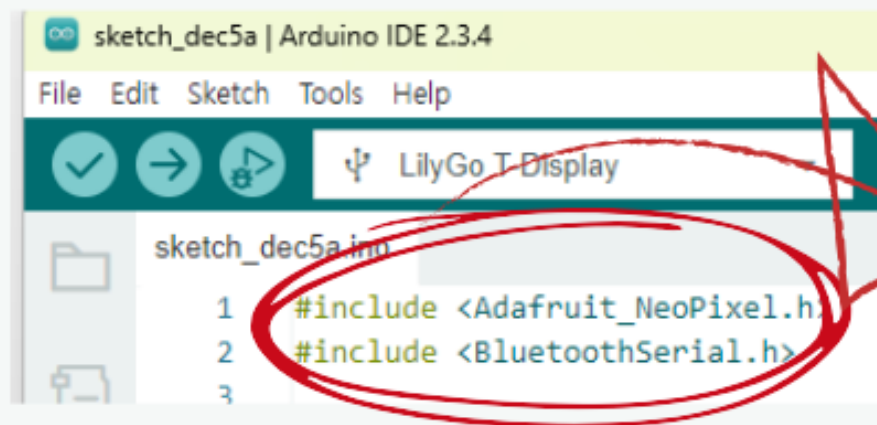
라이브러리 버전

라이브러리 이름

다운로드(INSTALL) 또는 제거(REMOVE) 가능



아두이노 IDE



더 다양한 작업을 위해
다른 라이브러리를 가져오는 작업