hello_xiao

PLATFORMIO

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main.cpp | PIO Home | platformio.ini

src > main.cpp > setup()

```cpp
#include <Arduino.h>
#include <Bounce2.h>

const int SWITCH_PIN = D2;
const int LED_PIN = D10;

Bounce2::Button button = Bounce2::Button();
bool ledState = false;

void setup() {
  Serial.begin(115200);

  pinMode(LED_PIN, OUTPUT);
  digitalWrite(LED_PIN, LOW);

  button.attach(SWITCH_PIN, INPUT_PULLUP);
  button.interval(50);
  button.setPressedState(LOW);

  Serial.println("Ready");
}
```

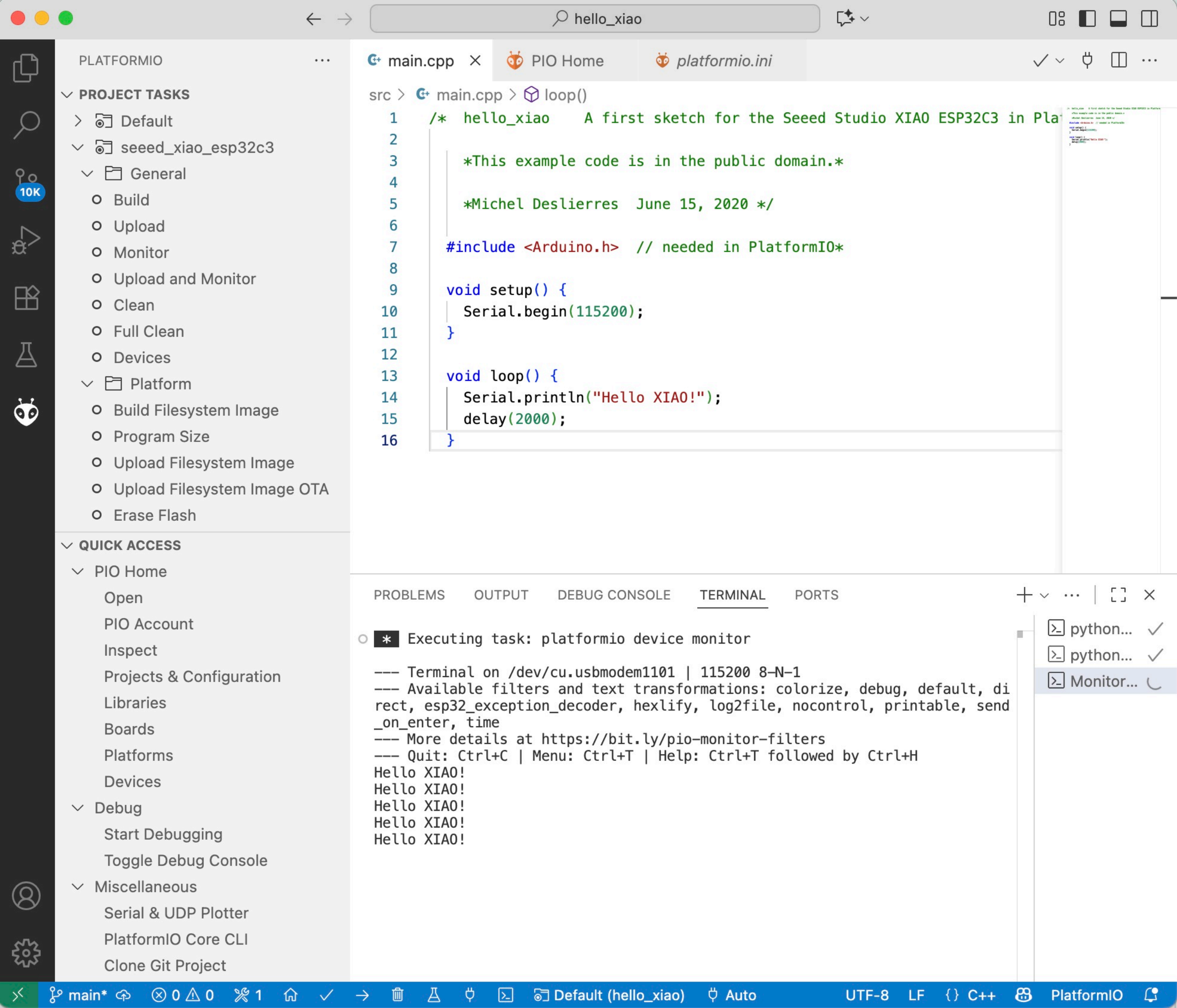
PROBLEMS | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

```
.2 kbit/s)...
Hash of data verified.
Compressed 246448 bytes to 137322...
Writing at 0x00010000... (11 %)
Writing at 0x0001af22... (22 %)
Writing at 0x00022c78... (33 %)
Writing at 0x00028b55... (44 %)
Writing at 0x0002ecc2... (55 %)
Writing at 0x00034c72... (66 %)
Writing at 0x0003c965... (77 %)
Writing at 0x00043673... (88 %)
Writing at 0x00049a1d... (100 %)
Wrote 246448 bytes (137322 compressed) at 0x00010000 in 2.1 seconds (effecti
ve 933.2 kbit/s)...
Hash of data verified.

Leaving...
Hard resetting via RTS pin...
======================== [SUCCESS] Took 3.84 seconds ========================
*  Terminal will be reused by tasks, press any key to close it.
```

python...
python...

main* | 0 0 | Default (hello_xiao) | Auto | Spaces: 2 | UTF-8 | LF | C++ | PlatformIO


hello_xiao
PLATFORMIO
PROJECT TASKS
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main.cpp
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src > main.cpp > loop()
/* hello_xiao A first sketch for the Seeed Studio XIAO ESP32C3 in Pla
This example code is in the public domain.
*Michel Deslierres June 15, 2020 */
#include <Arduino.h> // needed in PlatformIO*
void setup() {
Serial.begin(115200);
}
void loop() {
Serial.println("Hello XIAO!");
delay(2000);
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
python...
python...
Monitor...
* Executing task: platformio device monitor
--- Terminal on /dev/cu.usbmodem1101 | 115200 8-N-1
--- Available filters and text transformations: colorize, debug, default, direct, esp32_exception_decoder, hexlify, log2file, nocontrol, printable, send_on_enter, time
--- More details at https://bit.ly/pio-monitor-filters
--- Quit: Ctrl+C | Menu: Ctrl+T | Help: Ctrl+T followed by Ctrl+H
Hello XIAO!
Hello XIAO!
Hello XIAO!
Hello XIAO!
Hello XIAO!
main*
0 0
1
Default (hello_xiao)
Auto
UTF-8
LF
C++
PlatformIO

TECHIN514 / Lab1_PlatformIO /

Add file

tong0701 Update main.cpp 1af0781 · now History

Name	Last commit message	Last commit date
..		
src	Update main.cpp	now
README.md	Clean README for Lab 1	1 minute ago
platformio.ini	Remove note about changing board configuration	1 minute ago

README.md

Lab 1 – PlatformIO

TECHIN514 / Lab1_PlatformIO / src /

Add file ▾ ···

tong0701 Update main.cpp 1af0781 · now History

Name	Last commit message	Last commit date
..		
main.cpp	Update main.cpp	now

```
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#include <Bounce2.h>

const int SWITCH_PIN = D2;
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  button.attach(SWITCH_PIN, INPUT_PULLUP);
  button.interval(50);
  button.setPressedState(LOW);

  Serial.println("Ready");
}
```

```
.6 kbit/s)...
Hash of data verified.
Compressed 246448 bytes to 137322...
Writing at 0x00010000... (11 %)
Writing at 0x0001af22... (22 %)
Writing at 0x00022c78... (33 %)
Writing at 0x00028b55... (44 %)
Writing at 0x0002ecc2... (55 %)
Writing at 0x00034c72... (66 %)
Writing at 0x0003c965... (77 %)
Writing at 0x00043673... (88 %)
Writing at 0x00049a1d... (100 %)
Wrote 246448 bytes (137322 compressed) at 0x00010000 in 2.1 seconds (effecti
ve 942.6 kbit/s)...
Hash of data verified.

Leaving...
Hard resetting via RTS pin...
========== [SUCCESS] Took 3.78 seconds ==========
Terminal will be reused by tasks, press any key to close it.
```

Mon. Jan 5 11:57
Taya Li

Mon. Jan 5 11:57
Taya Li