

For a beginner, sometime we will meet some compilation or upload errors. Here we summarize some common errors and solutions, hope this can help.

```
'cout' was not declared in this scope

demo.ino: In function 'void loop()':
demo:124: error: 'cout' was not declared in this scope
demo:124: error: 'endl' was not declared in this scope
```

Maybe you hadn't put the right Library to libraries, if you can sure have the Library, then try closing Arduino IDE, and reopen it.

```
Serial port 'COM47' already in use. Try quitting any programs that may be using it.

    at
processing.app.Editor$DefaultExportHandler.run(Editor.java:2380)
    at java.lang.Thread.run(Thread.java:619)
```

1 Arduino Mega 2560 or Mega ADK on COM47

Maybe you had forgotten to plug your Arduino, try re-plugging the USB cable.

```
Done uploading.

Binary sketch size: 8,538 bytes (of a 32,256 byte maximum)
avrdude: stk500_getsync(): not in sync: resp=0x00
```

9 Arduino Uno on COM47

Maybe you had chosen the wrong board, try choosing the right board, or re-plug you USB cable. If your board is Seeeduno, check if M_RST_AUTO switch to AUTO.

Finally, whenever you meet some unknown problem, try re-plug your USB cable, this will solve almost half of your problem!