continue

[Control Structure]

Description

The continue statement skips the rest of the current iteration of a loop ([for](https://www.arduino.cc/reference/en/language/structure/control-structure/for), [while](https://www.arduino.cc/reference/en/language/structure/control-structure/while), or [do…​while](https://www.arduino.cc/reference/en/language/structure/control-structure/dowhile)). It continues by checking the conditional expression of the loop, and proceeding with any subsequent iterations.

Example Code

The following code writes the value of 0 to 255 to the PWMpin, but skips the values in the range of 41 to 119.

for (int x = 0; x <= 255; x ++) {

if (x > 40 && x < 120) { // create jump in values

continue;

}

analogWrite(PWMpin, x);

delay(50);

}