The main code uses peak detection library that needs to be installed.

<https://github.com/leandcesar/PeakDetection>

The main code does several tasks – sensing, flapping, actuation etc that are looped. We cannot use delay() function in the loop as it suspends the code for that duration. So, any timer implementation is done using if condition and millis() function. Following is the link for more info.

<https://www.arduino.cc/en/Tutorial/BuiltInExamples/BlinkWithoutDelay>

<https://roboticsbackend.com/arduino-delay/>