Step Counter Algorithm

* Read the accelerometer data at high accuracy sensor value
* Isolate the force of gravity with a low-pass filter
* Remove the gravity contribution with a high-pass filter
* Aggregate the data from all 3 axis by looking at the Max Absolute Value. ( I realize, the Pythagorean Theorem makes more sense here)
* Do Median Filtering on the windowSize
* Define a ‘startWalking’ method
  + If a burst of change is detected, then start counting the steps
  + This is jitter proof, the values of jitters are about the threshold of walking
  + Else, wait for the burst of change
* When walking is detected
  + Do Peak Detection