Accelerometer Stabilization

* Array: begStab[2][100]
* Variables
  + stabilityIterations – number of times want to get data
  + xy\_max = 0 – max of all X data
  + xy\_min = 1000 – max of all Y data
* Loop *val* from 0 to **stabilityIterations**
  + Get X, Y, Z measurements from accelerometer via I2C
    - begStab[0][val] = X
    - begStab[1][val] = Y
  + If val >= 20  
    - If xy\_max < begStab[0][val]
      * xy\_max = begStab[0][val]
    - if xy\_min > begStab[1][val]
      * xy\_min = begStab[1][val]
  + end IF
* end loop