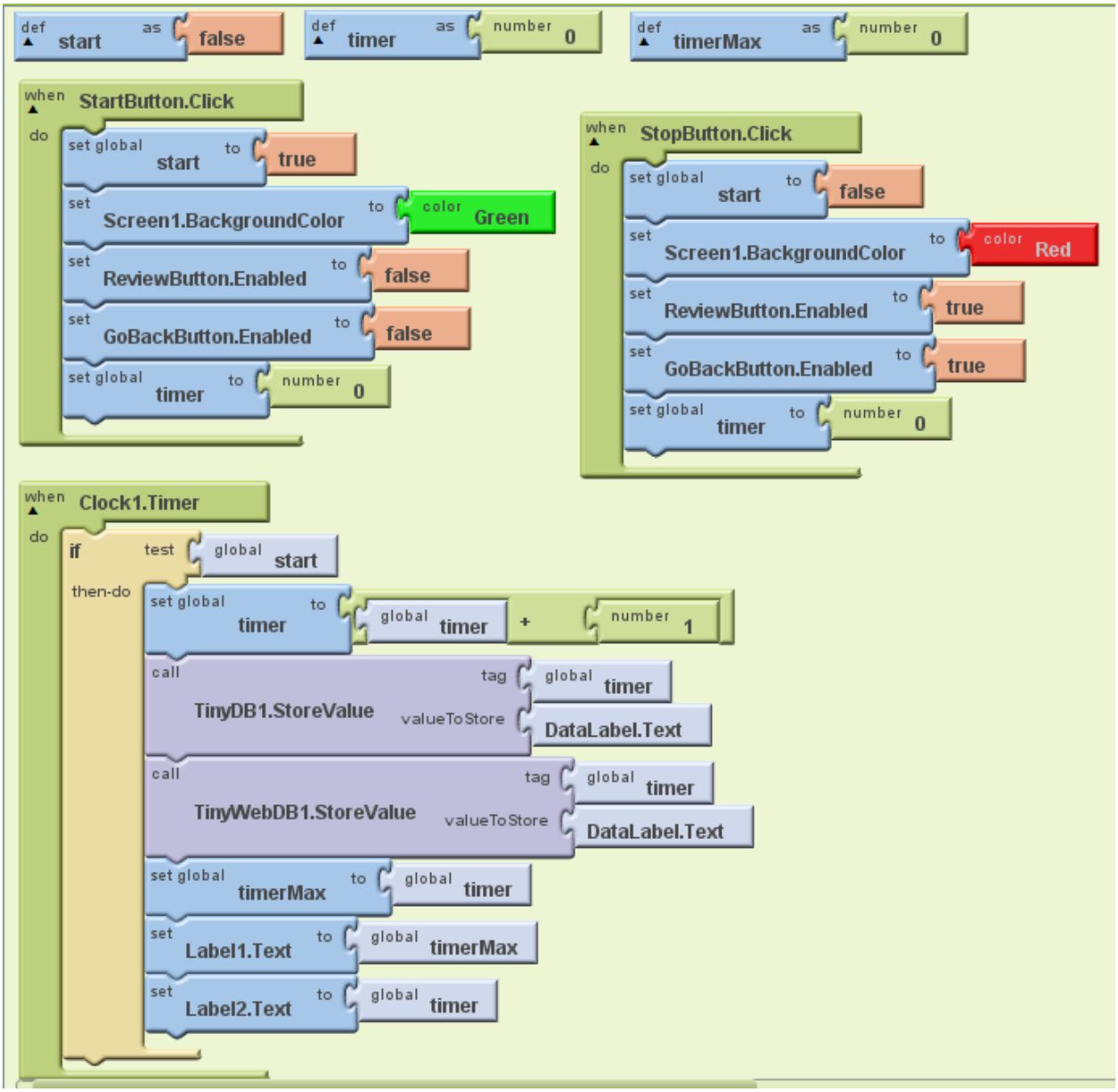
Name: _____ Date: _____ Class: _____

Example of Pseudo-code from the Accelerometer App written in MIT's App Inventor Programming Language:

The image below shows a piece of code written in MIT's App Inventor language. The purpose of the code is to measure acceleration readings from the device and store the values in a database with as a key and value ordered pair (time and acceleration). The pseudo code that could be written as a plan for this is included below the image.



make new variables with given initial values:

start = false
timer = 0
timerMax = 0

When the StartButton is clicked:
    set start to true
    set Screen1 background to green
    disable ReviewButton
    disable GoBackButon
    set timer = 0

When the StopButton is clicked:
    set start to false
    set Screen1 background to red
    enable ReviewButton
    enable GoBackButon
    set timer = 0

When Clock1 advances time:
    if start is true, do the following:
        increment time by +1
        make entry in TinyDB1 with an ordered pair (timer, DataLabel text)
        make entry in TinyWebDB1 with an ordered pair (timer, DataLabel text)
        set timerMax = time
        set Label1 text = timerMax
        set Label2 text = timer