COSC 201 – Lab #4
Time to break Java

Purpose: see how fast you can break Java and play with command line args.

Tasks:

1.) Open Eclipse and start a new Java Project called Broken Project

2.) Add a new class called MaxSubSum.

3.) For this lab, you will need two methods:

   a. SubSum – the method to determine the maximum contiguous subsequence sum for an integer array passed in as a parameter. Implement either the 2^n or n^3 algorithm.
   b. main, which generates an integer array of random ints, of size determined by a command line argument.

4.) Your task: determine at what array size your maximum contiguous subsequence sum algorithm breaks Java. Basically, at what n does it no longer run to completion (this doesn't have to be exact, a ballpark figure is good enough).

5.) Turn in your code, with size answer in comments via the Digital Dropbox in Blackboard by 11:59pm Monday.