**Reading a text file of integers**

// get the file path through a openFile dialogue

**Scanner integerTextFile = new Scanner(new File(filePath));**

**while (integerTextFile.hasNext())**

**{**

**// read the next integer**

**OriginalArray[index] = integerTextFile.nextInt();**

**index++;**

**}**

**// end of file detected**

**Timing your code (in nanoSeconds)**

**long startTime = System.nanoTime();**

**Code you want to time**

**.**

**.**

**Long finishTime = System.nanoTime();**

**Long elapsedTime = finishTime – startTime; // this is how long (in nanoSeconds)**

**// your logic took to run**