**READ ME:**

**Q1** Just debug, I set 1000 ordered nodes to insert and both key and values are set to be from 0 to 999, which is easier to test the put/delete and other functions.

**Q2** Just debug, I set N (number of nodes) from 64,128,256…8192. Keys are from 0 to N-1. Values are all 1.

**Q3** Just debug.

**Q4** Just debug, it will automatically create the Q4\_result.csv.In Q4\_result.csv, the first coloum is N(size), the second is average, the third is std\_deviation. If you want to see the txt files in which there are both the values and the variable names, use the filerWriter(csv) function in line 53 in main. It will create E:\\Q4test.txt and write to it. It will take about 8 hours to finish debugging and writing.

**Q5** Before debug, set the file path correctly in main.java in line 9. Then it can successfully read the test data into an array. Then you can debug and see the result.