Patrick Armstrong
Analysis Doc Assignment 3

1. Who is your programming partner? Which of you submitted the source code of your program?

Devin McPolin is my partner
Patrick Armstrong submitted the assignment

2. How often did you and your programming partner switch roles? Would you have preferred to switch less/more often? Why or why not?

We did not switch roles much, only once or twice. I enjoyed staying as the person actually writing the code because controlling over what was written seemed better for me as a programmer.

3. Evaluate your programming partner. Do you plan to work with this person again?

Devin was good, he helped with the main ideas of each method. He also helped with the clearing up the main elements that I had trouble in. The parts that he had trouble with I also helped him with as well. I would work with him a few more times, because he is so easy to work with.

4. If you had backed the sorted set with a Java List instead of a basic array, summarize the main points in which your implementation would have differed. Do you expect that using a Java List would have more or less efficient and why? (Consider efficiency both in running time and in program development time.)

Accessing certain elements would have been easier due to the .get() function. Using a java list would have also been easier to implement, but might have not made it any more efficient than mySortedSet was.

5. What do you expect the Big-O behavior of MySortedSet's contains method to be and why?

The expected Big-O behavior is N

8. How many hours did you spend on this assignment?

Approximately 10 Hours