**Peter Surlina Learning Report Week #11**

**Using Microsoft Word or any text editors, answer and describe briefly the following questions (Do not simply answer yes or no only. Describe!)**

**1. Did you complete your assignment, and did it run without errors?**I was able to complete all of the project except for the method to retrieve the data from the external file. It returns only the first object in the serialized file.

**2. Did your program produce the correct result?**

For everything else I was able to complete the results are correct.

**3. Did you test your program thoroughly?**

Yes, I tested the program many times and all the methods work. Serialization and Deserialization both work, just the caveat of getting of every object through deserialization doesn’t work.

**4. How much time did you spend to complete your assignment?**

I spent around 4-5 hours completing the paper alongside the program itself.

**5. Did you write the program yourself? Did you get any help from anyone?**

Yes, I was able to complete all portions of the week’s work without anyone else helping me.

**6. When you encountered obstacles to complete your program, how did you resolve the**

**issues? Did you use Google to get help? Describe how Google was abled or not able to**

**assist you?**

I tried researching how to get all instances of objects from a serialized file but there were no pages that provided me any help. I think with much more time I could find a way, but I already spent long enough doing this project.

**7. What did you learn from doing this assignment?**

I learned much more about serialization and what its uses are. I also learned how to implement it into a program, which is very useful to know.

**8. Any other information you would like to share with your instructor?**

n/a