**Initial Understanding:** My current understanding of the problem is that I will have to first open and read a text file to get data from that file. After I have the data I will need to output a statistical report from the data from the file. While I read the file, I will also be being writing to a new file to make sure I am not destroying the current file.

**Plan of Attack:** I will start by slowly building this project. 1. I will open and then write the file out to a new file to make sure I can do that. 2. I will start to gather day from the file and then check it by doing the same process but by hand. 3. If I can do # 2 than I will start by coding each stats I need to compile one at a time and checking at each works by itself. 4. After 3 I will refactor my code.

**How will I test my program:** As I develop my code I will test it kind of like how I tested nimrod. After each step I will test my program to make sure it works at every step. And once I think my code it finished I will first run the given input file and record the output. After that I will fun the input file my program generated to compare weather or not both of my statistical reports are the same.

**Do I have the skills and information needed:** yes, but if I need help I can ask the teacher, my peers, and if all else fails there is always stack over flow.