

CS/ITE 451 Software Engineering
Assignment 1

Instructions:

Write a program in your favorite language that will accept numerical number as inputs (from a file), computer the average, and output the answers (to a file).

Your deadline is January 23rd at 11:59pm.

Submit a copy of your code on this Assignment link.

First discussion post:

BEFORE you write the program, take into consideration our discussion on estimates and answer the following questions on the posted discussion board. **Due: January 19th at 11:59pm.**

1. What is your ideal time estimation?
2. How long (in elapsed time) would it take you to implement this solution?
3. What is your estimated calendar time? When did you start? When did you end? How much of it was estimated for breaks?
4. How much overall effort (in person hours) will this take?
5. Did you break the problem down into parts? If so what were the parts? What was your estimation for each part?
6. How well will your solution match the problem?

Second discussion post:

Once you have implemented your code answer the following questions as a response to your first post from May 26th. **Due: January 23rd at 11:59pm.**

1. How good is your code/design/documentation/testing? Explain what you decided makes code/design/documentation/testing “good”.
2. State what your real data was compared to the estimates that you provided on your post from May 26th.

Third discussion post:

Engage in conversation with one of your classmates based on their post, or a comment that was left on your post. **Due: January 23rd at 11:59pm.**

Grading breakdown:

Code: 40%

Discussion post 1 and 2: 50%

Discussion post 3: 10%