

Lab 09b Assignment 1

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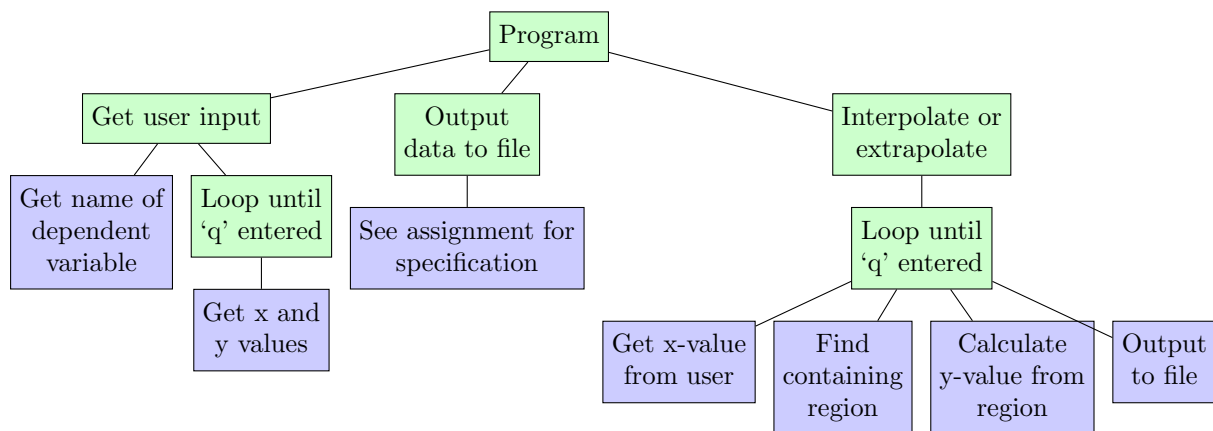
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Section: 219

Assignment: 09b Assignment 1

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A. Hierarchy for Lab09 Program 1



B. Dividing tasks among team members

This is still a pretty small program, which means dividing it into chunks is not super necessary. It would likely take a motivated student on the order of one hour to do it. That said, the easiest way to divide up the work among four people is as follows:

1. Get user input
 - Save the values to agreed upon variable names
2. Output data
 - This includes data from person 1 and person 3
3. Calculate y-value from inputted x-value
 - Use variables established by person 1
 - Only needs to write one iteration (putting it in a loop is easy)
4. Combine and test
 - This can only be done after everybody else is done
 - Should perform both unit and integration tests

C. Dividing testing among team members

As established above, the primary responsibility of testing is on person 4. Person 4 should provide some testing data to each person as part of their role. However, each person should perform their own testing to ensure correctness of their code. Person 4 is responsible for integration testing: i.e. establishing that all the individual parts of code will work together.