Who controls the flow of the program—the programmer or the user?

1. **Using what you have learned so far** to write a program to calculate the average, the sum, the maximum, or the minimum of a list of numbers. Your program needs to read in the numbers from a file, which will be provided by a user.
2. Did you ask the user to input the file name first, and then ask the user to choose what they want to do with the data (to calculate the average, the sum, or get the minimal or maximal number?) Or your program asks for the option first, then ask for the file name. If a user changes his/her mind (for examples, he/she wants to check the sum instead of the average of the numbers, or to work with a different set of numbers), does he/she need to run the program again?

3. How do you like a program with the following graphical user interface (GUI)?

![GUI Image]