

Fill in the handout below to better your understanding of reading in text files in C++.

Reading in a Text File in C++

Steps	Operation	Format in C++	Explanation
Opening the file	Declare an Object	<code>ifstream inFile;</code> can change!	Creates ifstream object so that we can perform operations on it.
	Open the Correct Text File	<code>inFile.open("file.txt");</code>	Opens a specific text file. *Must be in project folder.*
Using the file	Input Validation	<code>if(!inFile)</code> { <code>cout << "No file!";</code> } - OR - <code>if (inFile.fail())</code>	checks if the file loaded correctly. ← not preferred method
	Reading in data (Hint: this should use a loop)	<code>while(inFile >> num)</code> { // whatever u want to do statement; data }	Uses a loop to read in data so long as it is there! Data can be outputted to monitor or stored.
Closing the file	Close the file	<code>inFile.close();</code>	Closes the file.