**Test Case**

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| **ID/Title:** | Conversion |
| **Type:** | Input validation for file name |
| **For System:** | .cpp to .html file generator |
| **Use Case:** | Test input validation |
| **Prerequisites:** | Environment to run a C++ program. |

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| **Input validation Test** | | | | | | | | |
| **Test #** | | **Input entered** | **Expected Result** | | **Result** | | | |
| 1 | | Null | Please input a value. | | Please input a value. | | | |
| 2 | | filename | ok | | ok | | | |
| 3 | | Filename.cpp | ok | | ok | | | |
| 4 | | Filename.txt | ok | | ok | | | |
| 5 | | File name | ok | | ok | | | |
| 6 | | File name.cpp | ok | | ok | | | |
| 7 | | File name.txt | ok | | ok | | | |
| 8 | | File name.html | ok | | ok | | | |
| **Test #** | **Actual Filename** | | | **Input** | | **Expected Result** | **Actual Result** |
| 1 | Filename.cpp | | | Filename.cpp | | ok | ok |
| 2 | File name.cpp | | | File name.cpp | | ok | ok |
| 3 | Filename.cpp | | | Filename | | ok | ok |
| 4 | Filename.txt | | | Filename. txt | | ok | ok |
| 5 | File name. txt | | | Filename. txt | | ok | ok |
| 6 | Filename.txt | | | Filename | | Error! Could not read file. | Error! Could not read file. |
| 7 | E:\C++\C++ Repository\Assignment-4\ Filename.cpp | | | E:\C++\C++ Repository\Assignment-4\ Filename.cpp | | ok | ok |
| 8 | E:\C++\C++ Repository\Assignment-4\ File name.cpp | | | E:\C++\C++ Repository\Assignment-4\ File name.cpp | | ok | ok |
| 9 | E:\C++\C++ Repository\Assignment-4\ Filename.cpp | | | E:\C++\C++ Repository\Assignment-4\ Filename | | ok | ok |
| 10 | E:\C++\C++ Repository\Assignment-4\ Filename.txt | | | E:\C++\C++ Repository\Assignment-4\ Filename.txt | | ok | ok |
| 11 | E:\C++\C++ Repository\Assignment-4\ File name.txt | | | E:\C++\C++ Repository\Assignment-4\ File name.txt | | ok | ok |
| 12 | E:\C++\C++ Repository\Assignment-4\ Filename.txt | | | E:\C++\C++ Repository\Assignment-4\ Filename | | Error! Could not read file. | Error! Could not read file. |

**Output File Name**

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| **Test #** | **Input** | **Expected Result** | **Actual Result** |
| 1 | Filename | ok | ok |
| 2 | File name | ok | ok |
| 3 | Filename.html | ok | ok |
| 4 | File name.html | ok | ok |
| 5 | E:\C++\C++ Repository\Assignment-4\ Filename | ok | ok |
| 6 | E:\C++\C++ Repository\Assignment-4\ Filename.html | ok | ok |
| 7 | E:\C++\C++ Repository\Assignment-4\ File name.html | ok | ok |