

Acceptance test cases for the program “Alphabet Counter”.

Test Steps

- Launch Program
- Type input
- Hit enter.

| Title | Description (Reasoning) | Input | Expected Result (Output) | Passed? (Yes/No) |
|---------------------------------------|---|---|--|------------------|
| Detection of Non-Alphabetical String. | The Program should be able to detect a string/input that contains no Alphabet and as such, appropriately notify the user. | -Nothing/Blank- | The program outputs: “I’m sorry but that was a Non-Alphabetical string” | |
| | | “@&!(\$£%” | The program outputs: “ I’m sorry but that was a Non-Alphabetical string. ” | |
| | | “0123456” | The program outputs: “ I’m sorry but that was a Non-Alphabetical string. ” | |
| Printing of results. | The program should only print 1 result if there is only one Highest frequency letter | “£%\$A45” | The program outputs: “ 1A. ” | |
| | | “#124T£%5” | The program outputs: “ 1T. ” | |
| | The program should only print 2 results if there are only two Highest frequency letter | “£r%\$A45” | The program outputs: “ 1r, 1A. ” | |
| | | “#E24£%5G” | The program outputs: “ 1E, 1G. ” | |
| | The program should print the 3 most frequent letters with their frequency if there are 3 or more alphabets in the input | “Lorem ipsum dolor sit amet, consectetur adipiscing elit” | The program outputs: “ 6i, 6e, and 5t. ” | |
| | | “Aenean commodo ligula eget dolor” | The program outputs: “ 5o, 4e, and 3l. ” | |

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|------------------------------------|---|--|---|--|
| Capital Letters and Small Letters. | The program should be able to distinguish between a Capital letter and Small letter of the same alphabet. | "AAAA aaaaa bb BBBBBB CC" | The program outputs: "6B, 5a, and 4A." | |
| | | "DDDD ccccccccc gf hhhhh CCCCCC" | The program outputs: "10 c, 6 C, and 5h." | |
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