|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected Output | Output | Comments |
| Anna | Iterative: palindrome Recursive: palindrome | Iterative: palindrome Recursive: palindrome | Example palindrome with even length. |
| Anne | Iterative: Not palindrome Recursive: Not palindrome | Iterative: Not palindrome Recursive: Not palindrome | Example non-palindrome with even length. |
| Madam I’m Adam | Iterative: palindrome Recursive: palindrome | Iterative: palindrome Recursive: palindrome | Example palindrome with odd length. |
| “Delia was ill!” Lisa wailed. | Iterative: palindrome Recursive: palindrome | Iterative: palindrome  Recursive: palindrome | Example palindrome with punctuation |
| abcdefg | Iterative: Not palindrome Recursive: Not palindrome | Iterative: Not palindrome Recursive: Not palindrome | Not a palindrome, with an odd length. |
| [blank input] | Exiting program | Exiting program | The way to exit the program. |
| %%%11\_11%%% | Iterative: palindrome Recursive: palindrome | Iterative: palindrome Recursive: palindrome | The symbols are deleted but not the numbers, however the way the checks work based on the length of the strings they are returned as palindromes regardless. |
| 1111 | Iterative: palindrome Recursive: palindrome | Iterative: palindrome Recursive: palindrome |
| $$%%$£$%£^\*^$£$%”£ | Iterative: Not palindrome Recursive: Not palindrome | Iterative: Not palindrome Recursive: Not palindrome | If the detected input has everything deleted due to it being all symbols then it will be overridden with a default string to stop it returning true as a palindrome. Multiple spaces are the same, they do not count as a blank input. |
| [Multiple spaces] | Iterative: Not palindrome Recursive: Not palindrome | Iterative: Not palindrome Recursive: Not palindrome |
| Are we not drawn onward, we few, drawn onward to new era? | Iterative: palindrome  Recursive: palindrome | Iterative: palindrome  Recursive: palindrome | A long palindrome |
| %%%%%%%%an%%n%a% | Iterative: palindrome  Recursive: palindrome | Iterative: palindrome  Recursive: palindrome | More extreme symbols mixed in. |