|  |  |  |
| --- | --- | --- |
|  | **ChatGPT** | **Llama 3** |
| **Flesch-Kincaid Grade Level** |  |  |
| -1.0 (NaN) | 60 / 77 | 37 / 41 |
| 0.0 (College Graduate) | 6 / 77 | 1 / 41 |
| 0.1 (College) | 8 / 77 | 2 / 41 |
| 0.2 (12th Grade) | 0 / 77 | 0 / 41 |
| 0.3 (11th Grade) | 0 / 77 | 0 / 41 |
| 0.4 (10th Grade) | 2 / 77 | 1 / 41 |
| 0.5 (9th Grade) | 0 / 77 | 0 / 41 |
| 0.6 (8th Grade) | 1 / 77 | 0 / 41 |
| 0.7 (7th Grade) | 0 / 77 | 0 / 41 |
| 0.8 (6th Grade) | 0 / 77 | 0 / 41 |
| 0.9 (5th Grade) | 0 / 77 | 0 / 41 |
| 1.0 (4th Grade) | 0 / 77 | 0 / 41 |
| **Total** | **77 / 77** | **41 / 41** |

**Flesch-Kincaid Grade Level Readability Values for all 10 Java Program’s Green Test Suites of ChatGPT & Llama 3 with Prompt 1**

|  |  |  |
| --- | --- | --- |
|  | **ChatGPT** | **Llama 3** |
| **Gunning Fog Index** |  |  |
| -1.0 (NaN) | 3 / 77 | 0 / 41 |
| 0.0 (College Graduate) | 6 / 77 | 31 / 41 |
| 0.1 (College) | 36 / 77 | 8 / 41 |
| 0.2 (12th Grade) | 22 / 77 | 2 / 41 |
| 0.3 (11th Grade) | 7 / 77 | 0 / 41 |
| 0.4 (10th Grade) | 2 / 77 | 0 / 41 |
| 0.5 (9th Grade) | 1 / 77 | 0 / 41 |
| 0.6 (8th Grade) | 0 / 77 | 0 / 41 |
| 0.7 (7th Grade) | 0 / 77 | 0 / 41 |
| 0.8 (6th Grade) | 0 / 77 | 0 / 41 |
| 0.9 (5th Grade) | 0 / 77 | 0 / 41 |
| 1.0 (4th Grade) | 0 / 77 | 0 / 41 |
| **Total** | **77 / 77** | **41 / 41** |

**Gunning Fog Index Readability Values for all 10 Java Program’s Green Test Suites of ChatGPT & Llama 3 with Prompt 1**

Green Test Suites refer to Test Suites where all unit test pass.