|  |  |  |  |
| --- | --- | --- | --- |
|  | Ok | Good | Great |
| Correct  and  Functional | **20%** The program does the minimum. It may run slowly or throw errors sometimes. | **38%** The program satisfies the requirements, runs without errors, and exits gracefully. | **40%** The program runs smoothly and is robust to unexpected input. |
| Commented  and  Readable | **20%** There are some confusing comments in the program. Variable names are chosen haphazardly. | **38%** Comments are present, but some are confusing. Variable names assist understanding. Functions help organize. | **40%** Comments clearly illuminate what is going on. Variable names clearly reveal variable type and purpose. Functions organize atomic actions and reduce redundancy. |
| Brief | **5%** Use of loops, elifs, and else statements could have made the program shorter. Unused code lingers. | **13%** Loops were used when possible. Some elif or else statements would have shortened the code. Minimal unused code. | **15%** Code is as brief as is reasonable without sacrificing readability or functionality. |
| “Wow” factor | **5%** Program has extra flair, a spark of creativity, or extra effort. | | |

This is solely to be used for projects.

Students can always revise their programs so you can grade harsh. They can also get a zero, of course, but that’s not on the rubric.