

py.calculator – main.py, horrible-main.py

In the main.py file, I made sure to try and follow 3-4 different principles as best as possible as an improvement over the original (horrible-main.py). The principles followed would be DRY Code, Single Responsibility, Clean Code, as well as some elements of KISS and documenting the code. With DRY Code, I was able to avoid the redundancy of the input logic that was originally implemented into each function, this also made the code follow the Single Responsibility principle, since each function had a single use for their functionality. I also feel as though the code follows the Clean Code principle with how simple I was able to reimplement the menu provided, making it more readable, and maintainable. Finally, I thought the code also did well with keeping things easy to read, modify, and maintain through the use of comments and the overall lack of complexity involved, which fall under documentation and KISS principles.