

Final Project

Write a program to perform a given task related to your interests. Make sure to comment it well so that another programmer (me) can understand what is going on. Additionally, make sure that it is **at least 100** lines of code (more is welcome).

It should contain all of the following parameters:

- Numeric variables
- Strings
- If-else
- Loops
- Functions
- Classes
- File Access
- Lists or Sets or Tuples
- Use of some module (perhaps your own?)

It should be resilient to bad user input (for example, if a variable should be a string, and the user gives an integer, it should output an error).

Lastly, have fun with it! It should represent something from your own personal interests after all.

You can submit it at any time during the winter study.