

RecipeGen – PQ1

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This project uses a genetic algorithm in order to generate a selection of recipes based on an “inspiring set” of soup recipes, normalized to 100 ounces.

How to Run

The program is fairly simple to run, as long as you have both the `recipegen.py` and `parse.py` Python scripts in the directory. To run, type a command similar to the following:

```
$ python3 recipegen.py [directory where inspiring set is located]  
[number of iterations]
```

The results of each iteration will be saved in a “iterations” directory located within the directory where `recipegen.py` is stored, and the recipes from each iteration will be stored in a separate folder within the “iterations” folder (corresponding to the count of iterations).

External Sources

<https://stackoverflow.com/>

<https://docs.python.org/3/>

Parse.py library retrieved from <https://github.com/r1chardj0n3s/parse>