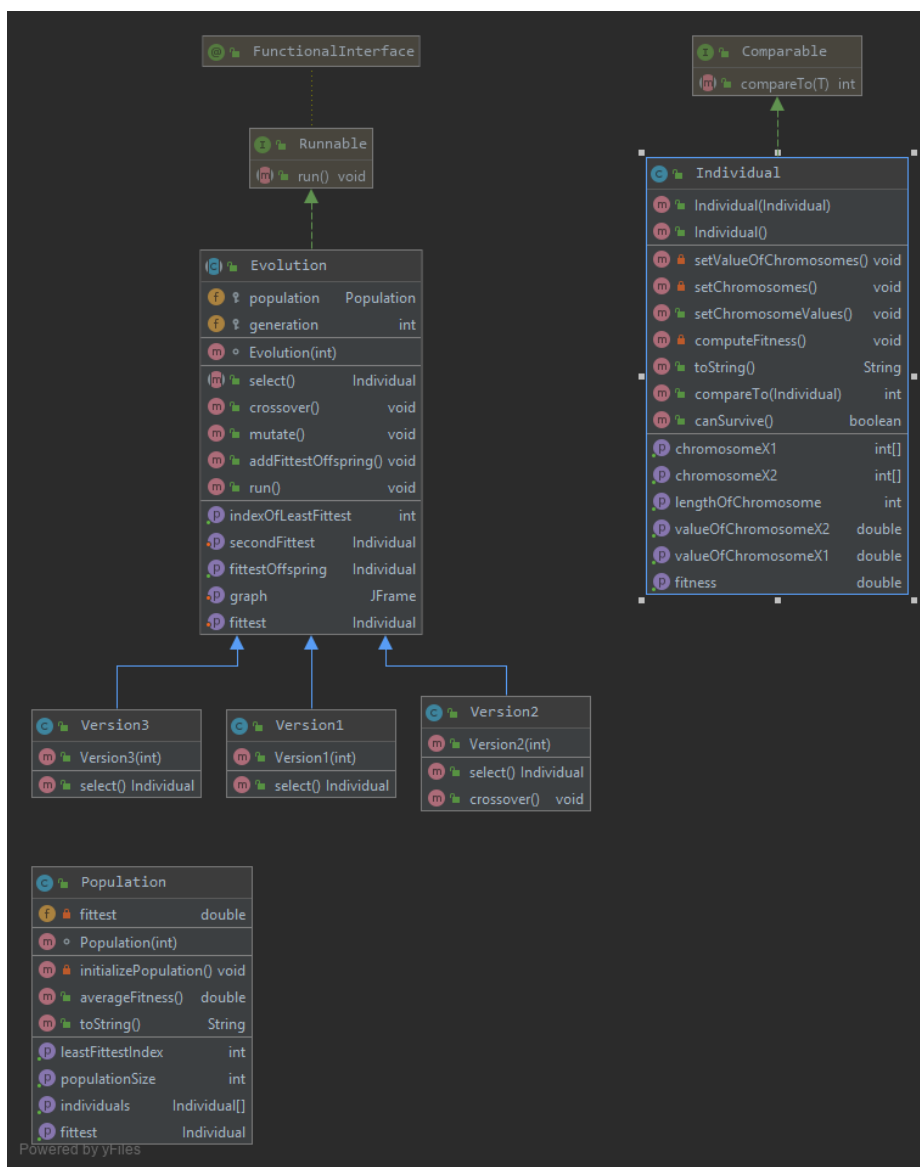


Object Oriented Analysis and Design

There was only one design pattern and it was template design pattern. I named my main class as evolution and others version one, version two and version three. Evolution class has one-point crossover and mutate function for all of them and selection algorithm is implemented by all other versions by themselves. Also, version two overrides the crossover because it uses two point crossover.

The table is like this:



And the GUI is creates circles for every individual and their radius is created according to their fitness value, the bigger the fitness the larger the circle.