

User Instructions

- To run the project just:
 1. download the contents of the folder "UserDemoPackage"
 2. note that the **lib** folder found in the package must be in the same folder as the **GeneticMusic.jar**
 3. make sure the jar file is executable
 4. go to the folder of the downloaded content
 - run the project with **java -jar "GeneticMusic.jar"**
- **this runs the project with the default parameters:**

```
populationSize = 40;  
chromosomeSize = 8;  
numGenerations = 500;  
selector = "tournament";  
tournamentk = 3;  
tournamentp = 0.7;
```
- **to run the project with different parameters just use the following schema:**
 - **java -jar "GeneticMusic.jar" <population size> <chromosome size> <number of generations> <[tournament | bestChromosome]> [tournament k] [tournament p]**
- examples:
 - **java -jar "GeneticMusic.jar" 40 8 500 tournament 3 0.7**
 - **java -jar "GeneticMusic.jar" 40 8 500 bestChromosome**

Result

The result chorale will be in the same folder as the jar you are executing.

Note: you need to provide all the parameters by the order specified if you are using the tournament selection operator. If you want to use the bestChromosome selector ignore the last 2 parameters. Again, if you provide no parameters the project will run with the default configuration.