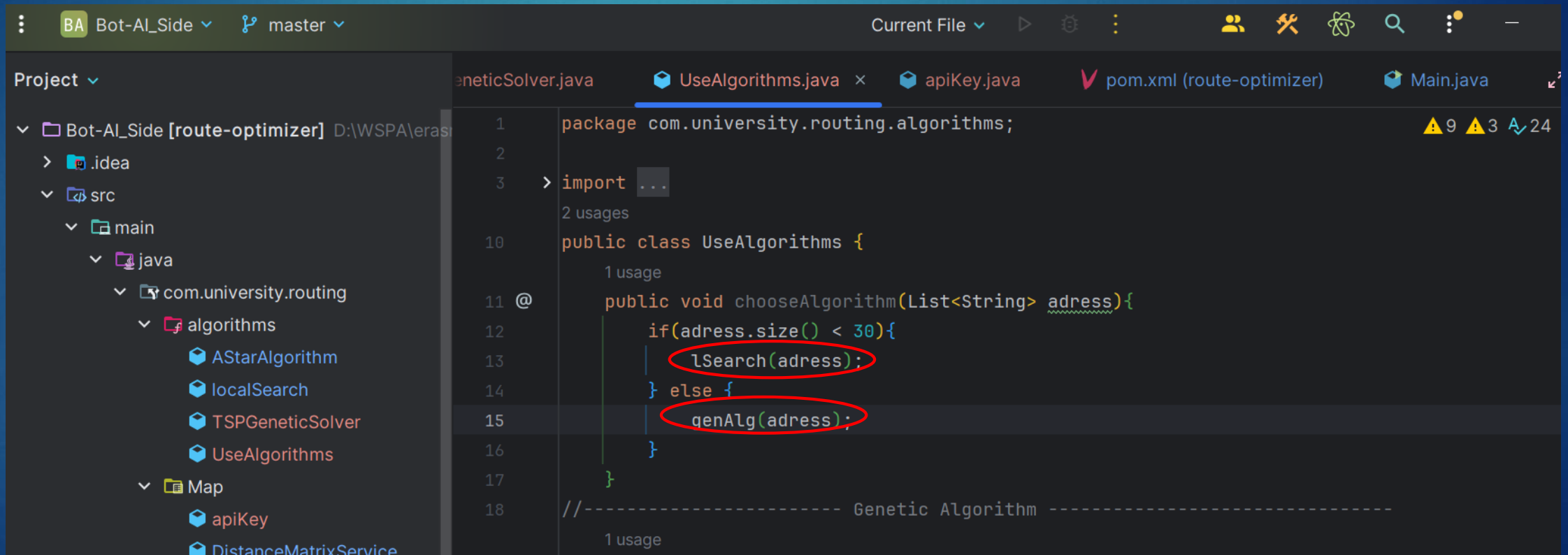


Algorithm side

We have identified 3 algorithms : A*, local search and genetic algorithms.

Depending on the number of addresses, the Local Search algorithm (if there are fewer than 30 addresses) or the Genetic Algorithm (if there are 30 or more addresses) will be used to find the best way to visit all the addresses and return to the starting point



```
1 package com.university.routing.algorithms;
2
3 > import ...
4
5 2 usages
6
7
8
9
10 public class UseAlgorithms {
11     1 usage
12     public void chooseAlgorithm(List<String> address){
13         if(address.size() < 30){
14             lSearch(address);
15         } else {
16             genAlg(address);
17         }
18     }
19
20 //----- Genetic Algorithm -----
21
22 1 usage
```