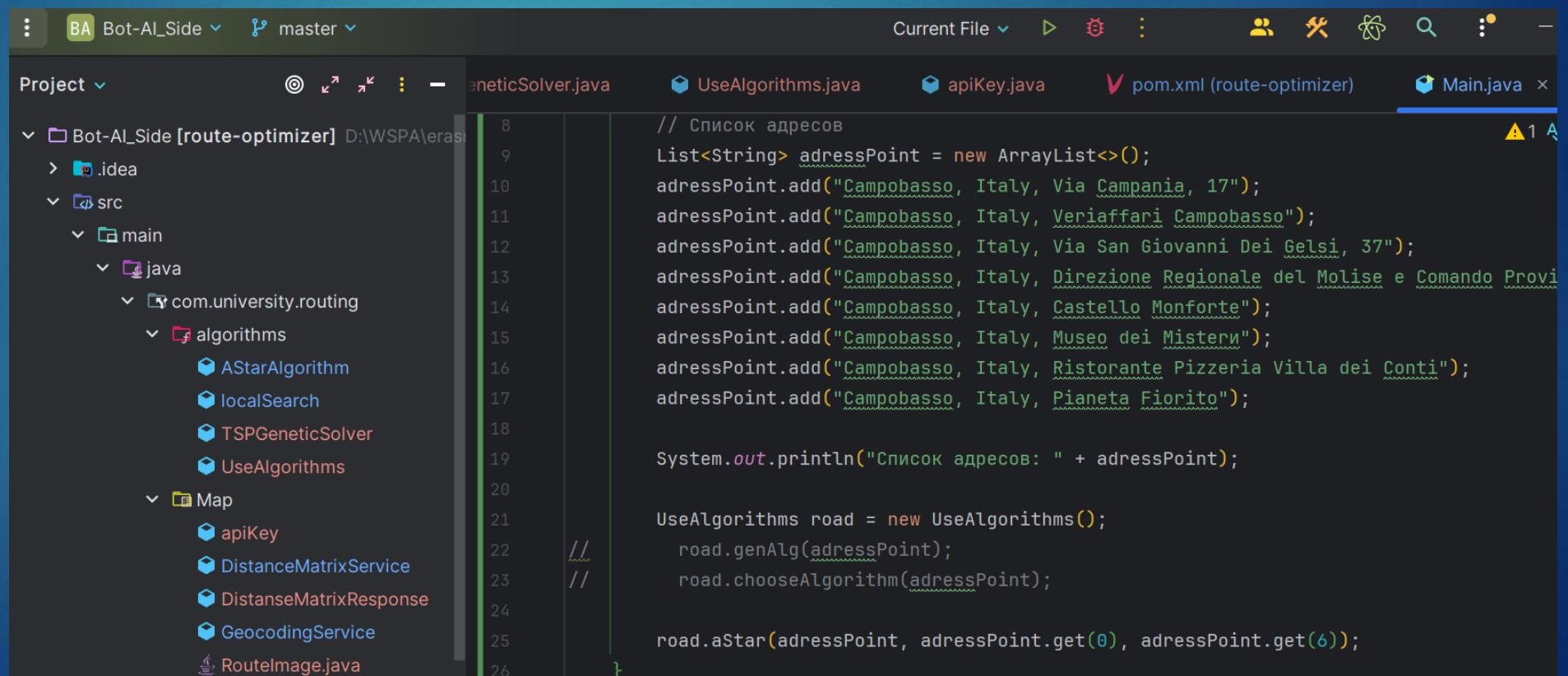


Algorithm side

At the moment, this project performs two functions :

- 1) finding the best road through all the points and returning to the starting point.
- 2) You can select two points from the list and get the best path between them.

To implement the second function, we used algorithm A*



The screenshot shows a Java IDE interface with the following details:

- Project Bar:** BA Bot-AI_Side, master branch.
- Toolbars:** Standard IDE toolbars for file operations, search, and navigation.
- Code Editor:** The main window displays Java code for the `UseAlgorithms.java` file.
- Code Content:**

```
// Список адресов
List<String> adressPoint = new ArrayList<>();
adressPoint.add("Campobasso, Italy, Via Campania, 17");
adressPoint.add("Campobasso, Italy, Veriaffari Campobasso");
adressPoint.add("Campobasso, Italy, Via San Giovanni Dei Gelsi, 37");
adressPoint.add("Campobasso, Italy, Direzione Regionale del Molise e Comando Provinciale");
adressPoint.add("Campobasso, Italy, Castello Monforte");
adressPoint.add("Campobasso, Italy, Museo dei Misteri");
adressPoint.add("Campobasso, Italy, Ristorante Pizzeria Villa dei Conti");
adressPoint.add("Campobasso, Italy, Pianeta Fiorito");

System.out.println("Список адресов: " + adressPoint);

UseAlgorithms road = new UseAlgorithms();
road.genAlg(adressPoint);
road.chooseAlgorithm(adressPoint);

road.aStar(adressPoint, adressPoint.get(0), adressPoint.get(6));
```