Search Agents

Import the Search Agents project into Eclipse. Open it and try to understand what is happening.

Search Agents

- Look this 2 lines of code, you can see the specification inside the file search.py

```
Object start = SimplifiedRoadMapOfPartOfRomania.ARAD;

Object end   = SimplifiedRoadMapOfPartOfRomania.BUCHAREST;


Problem problem = new Problem(start,

    MapFunctionFactory.getActionsFunction(romaniaMap),

    MapFunctionFactory.getResultFunction(),

    new DefaultGoalTest(end),

    new MapStepCostFunction(romaniaMap));
```

Search Agents

- Solve (run) the same problem with other agents. The ones available are:
  - Breadth first tree search;
  - Depth first graph search;
  - Depth limited search;
  - Uniform cost search;
  - Iterative deepening search;
  - Greedy best-first search;
  - A* search.

- As one can see, there is not an implementation that shows the solution for our agents. Implement the method `printSolution` so that we can see the path that our agent found, as well as the cost for that agent.