

## THE CODICIOUS METHOD

The greedy method, better known as Greedy, is a strategy for solving optimization problems. In this it is assumed that it is possible to solve a problem through a sequence of decisions. The approach that this method uses, is that for each stage the programmer must make an optimal decision. What to gather these decisions, will have a globally optimal solution. In cases where decisions are not considered optimal, it does not mean that Greedy is not recommended for this exercise, on the contrary, it is not a solution as optimal as expected, but it is considered acceptable.

The most famous problems that can be solved by the greedy method are: the minimum expansion tree problem, and can be solved by two sub-methods: Kruskal Method and Prim Method, both to find a minimum expansion tree.

