

Assignment - Optimization Methods and Algorithms

FAQ

1. Does the number of task for each type of user refer to a single time period?

NO. The number of task (n) is time-independent. Each time a variable X is increased by one in the period t and for the cell j , n tasks are satisfied.

2. Considering a path of the user that moves from cell i to cell j through the cell q , can the user do tasks in cell q ?

NO. Variables X count the number of users that move from a starting cell to an ending cell to do a fixed number of tasks in the destination cell. Every cells touched during the path are not considered.

3. Have instances for the assignment a feasible solution?

YES. All instances provided to you have a feasible solution.

4. Which IDE is recommended?

There are not recommended IDE. We used CLion (Jet Brain) to write the code included in the zip file on the web portal. Other IDEs for C++ may be Visual Studio, Xcode, eclipse.

Jet brain provides a student version and covers several languages: C++, Java, Python, ...