Course assignment:
F.A.Q.

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Optimization Models and Algorithms - 2017/2018

Q: Is it possible to check the correctness of our Linear Programming (LP) model?

A: There exist several tools dedicated to model and solve LP problems.

- MPL: an high level language for mathematical programming. Free for students. Available in LADISPE. http://www.maximalsoftware.com/mpl/
- Cplex: a powerful solver. Has a MPL-like language (OPL) and APIs for all programming languages.
  https://www.ibm.com/developerworks/community/blogs/jfp/entry/CPLEX_Is_Free_For_Students
- Xpress: a solver with its own modelling language. Available in LADISPE.
  http://www.fico.com/en/latest-thinking/brochures/xpress-moselan-overview
- Excel solver: https://www.solver.com/excel-solver-integer-programming

By implementing your model through one of these tools, you can solve toy instances and check for the feasibility of their solutions with respect to the ETP requirements.

NB: The use of these tools is not strictly required for completing the assignment and, hence, it is not part of the course program.

F.A.Q.

Q: Which machine will be used for the final test of the algorithms on the hidden instances?

A: The machine that will be used to test your algorithms has the following features:

- CPU: Intel(R) Core(TM) i7 - 860 @2.80 GHz
- 4 cores, 8 logical CPUs
- RAM: 16 GB
- OS: Windows 10 Pro, 64 bit