How to install Gurobi

1) Installations

Make a Gurobi account and log in

https://pages.gurobi.com/registration

Get Gurobi academic license

https://www.gurobi.com/downloads/end-user-license-agreement-academic/

Save the `grbgetkey YOUR KEY`

Download and install Gurobi and Anaconda

https://www.anaconda.com/products/individual

https://www.gurobi.com/downloads/gurobi-software/

2) Setting up the software

Use the license key from above and add it to Gurobi

Open Anaconda Shell to add Gurobi

```
conda config --add channels http://conda.anaconda.org/gurobi

conda install gurobi
```

Open Jupyter, create a new file, type the blue code and run!

```
import gurobipy as gp;

from gurobipy import GRB;

m = gp.Model("testLP");
m.modelSense = GRB.MINIMIZE;

x = m.addVar(vtype=GRB.CONTINUOUS, lb = 0, ub = GRB.INFINITY, obj=1.5);
theta = m.addVar(vtype=GRB.CONTINUOUS, lb = 0, ub = GRB.INFINITY, obj=1);
```

m.setParam("OutputFlag", 0); # disable output information unless you want to take a look at the solution process

If you have no error then everything is good!