Problem definition
LMITOOL will generate for you a skeleton of the functions needed
(see User's Guide for details). For that, you need to specify:
1- Name of your problem which will be given to the solver function,
2- Names of unknown matrices or list of unknown matrices,
3- Names of data matrices or list of data matrices.

LMI problem name: foo

Names of unknown matrices: x1,x2,...

Names of data matrices: p1,p2,...