

# Advanced Programming

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## Excercise 5

### What to do?

Extend the program from the previous week in the following way:

- it should be able to cope with all kinds of inputs and either work or give an error message. It should never crash.
- it should be able to work with  $\leq$ ,  $\geq$ , and  $=$ .
- measure computing time for the enumeration.
- split into more than one file (if not already done so (allocate.c does not count)).
- make the code compile to use either `int` or `double` for the coefficients and rhs.

Be aware that we will continue to work on this program and change and extend it further.