Read a configuration file

[](http://www.rosettacode.org/wiki/Category:Solutions_by_Programming_Task)

**Read a configuration file**  
You are encouraged to [solve this task](http://www.rosettacode.org/wiki/Rosetta_Code:Solve_a_Task) according to the task description, using any language you may know.

The task is to read a configuration file in standard configuration file format, and set variables accordingly.

For this task, we have a configuration file as follows:

# This is a configuration file in standard configuration file format

#

# Lines beginning with a hash or a semicolon are ignored by the application

# program. Blank lines are also ignored by the application program.

# This is the fullname parameter

FULLNAME Foo Barber

# This is a favourite fruit

FAVOURITEFRUIT banana

# This is a boolean that should be set

NEEDSPEELING

# This boolean is commented out

; SEEDSREMOVED

# Configuration option names are not case sensitive, but configuration parameter

# data is case sensitive and may be preserved by the application program.

# An optional equals sign can be used to separate configuration parameter data

# from the option name. This is dropped by the parser.

# A configuration option may take multiple parameters separated by commas.

# Leading and trailing whitespace around parameter names and parameter data fields

# are ignored by the application program.

OTHERFAMILY Rhu Barber, Harry Barber

For the task we need to set four variables according to the configuration entries as follows:

* fullname = Foo Barber
* favouritefruit = banana
* needspeeling = true
* seedsremoved = false

We also have an option that contains multiple parameters. These may be stored in an array.

* otherfamily(1) = Rhu Barber
* otherfamily(2) = Harry Barber