



- place cursor on first library line and press Ctrl + Enter
  - load excel input file: set the name of excel file and name of the sheet where the genotypes reside and press Ctrl + Enter
  - set species name
  - set population name
  - set replication number
- Placing the cursor on a line, executes the code in this line
  - Warnings (include images)

The image displays three screenshots of an R console window, illustrating the process of loading a dataset and the resulting warnings.

**Top Left Screenshot:** Shows the initial code execution. The user loads a dataset using `read.genalexcel()` with the file `LGM_DE_SI_GR_final.xlsx` and sheet `Abies`. A warning message is displayed: "Warning message: In df2genind(gena2, sep = '/', ind.names = ind.vec, pop = pop.vec, : entirely non-type individual(s) deleted".

**Top Right Screenshot:** Shows the continuation of the code execution. The user is prompted to enter a value for `joining`, and the console displays the output: "user system elapsed 50.61 0.09 52.28".

**Bottom Screenshot:** Shows the continuation of the code execution. The user is prompted to enter a value for `pop`, and the console displays the output: "There were 50 or more v".