## 5c\_run\_prog

Code ▼

- 1. Open a file to edit
  - 1. use IDE
  - 2. in R console:  $\operatorname{edit}(\operatorname{file="ch2-apply.r"})$ : invoke the built-in text editor and open an ASCII
- 2. Run commands in file
  - 1. source
    - 1. syntax:

source(<file\_path>, echo=T)

- echo=T will echo these commands to the screen
   idea: is similar with running the same command in console. Can still use the variables in the file

## 3. debugging:

See tut5

- 1. browser(), breakpoints
  2. message() and sink()