Week 1 Problem Based Learning and Practical Solutions

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Problem based learning workshop

`R` practical session

General notes on using the teaching manual

- network information
- always use Windows 7

    - Map to L drive: `\\\\sci-tl01.soe.uq.edu.au\\Teaching\\BIOL\\BIOL2006`
    - Program name: `BIOL2006PracManual_2016.exe`

- sign on

    - must enter valid id
    - my sign on is `"Jeffrey"`

- GUI

    - popup links are bright green
    - arrows to navigate
    - home icon is home
    - R icon saves code to desktop and open up with Rstudio
    - R code is in blue
    - comments in black
    - questions also in green
    - tooltips appear in brown bar along the bottom of program
    - minimize question popups by clicking on question again
    - assessment questions turn black after they're done, but note that you might have to mouse over questions for them to turn black due to bug
    - students must click logout to store results, they cannot just close the program
    - students must answer all practice questions to get to final assessment questions

- each question in the assessment page refers to a specific page with info on how to answer it

- R scripts

  - right click on the scripts
  - open with -> Rstudio

- Potential issues

  - the computers don't associate .R scripts with Rstudio: need to open Rstudio first then open the script
  - attaching datasets: **never to do this even though it looks handy**