Assignment 3

Experimental research (covers chapter 2 from your book)

Do **exercises 2 and 3 on page 38 (Research Design Exercises).**

Find your own HCI-related research issue, which you can tackled by experimental research.

> ***An example*** *of research issue could be: you just got a Leap motion and you became quite good in simple text editing using the Leap. You have two efficient gestures, one for selecting and one for cutting the text. You want to show to the world that these work better than the mouse and keyboard.*

Step one: Re-frame the issue as a **research question.**

Step two: identify **dependent and independent variables.** (Write down what they are)

Step three: formulate clearly **null and alternative hypothesis.**

Step four: use all related concepts from chapter 3 to discuss advantages and limitation of your experimental research.

Step five: what kind of errors could you introduce in your research?