Tutorial 5: Functions

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Organisation

- Organise yourselves into a collection of n-elements where 2 n 4 (get into groups of 2-4 people).

- Discuss the tasks below and write down your answers. The goal of this: You should be able and ready to present your answer at the end of the discussion period.

- The time for today's tutorial will be organised as such:
  - Minutes 0 - 5 Organisation and Task introduction by Huan.
  - Minutes 5 - 15 Work on and write down the answers to the tasks on **Function**.
  - Minutes 15-20 Huan posts solution and discusses solution.
  - Minutes 20-40 Work on and write down answers to the tasks on **Relations**.
  - Minutes 40 - 50 Huan posts solution and you discuss solution in group.

Functions

- Show that the function f(x) = |x| from the set of real numbers to the set of nonnegative real numbers is not invertible, but if the domain is restricted to the set of non-negative real numbers, the resulting function is invertible.