Iterations using combination of filtering conditions   # L1.3

- some properties we'll take up ⇒ then iterate
- class data ⇒ ex, how many girls from Chennai
  ↳ gender, city ⇒ 2 iteration + 2 filters (5/30)
  ↳ how to do it in 1 step ⇒ 'and' iteration

      both should be true ⇒ to select the card

- ex,
                1st
      born between the half year ↗ Male = $0 \, r \ldots 8$
                          ^   ↘ Female = $0 \, r \ldots 7$

- ex, Girls / Boys doing better in Maths
  ↳ not look at max
  ↳ avg. of boys/girls and then compare
  ↳ boys/girls count, boys/girls T_{Marks} T_{Maths} marks
      in 1 iteration
  ↳ algorithm problem - systematic procedure