Concepts of variables, iterators and filtering

- to know how many students in a class ? ||||| = 5

- Iteration - going through the sequence of objects you have and for each object you keep a count (gen. from initial 0)

- variable - quantity is a number (maybe) which can & eventually value keeps changing.

   ex, Avg. marks of maths = $\dfrac{\text{sum of all maths marks}}{\text{total students}}$

- keeping track of 2 or more variables in single iteration.
- in the word data ⇒ want only verbs ⇒ concept of filtering
   ⇒ to catch some particular thing / from data