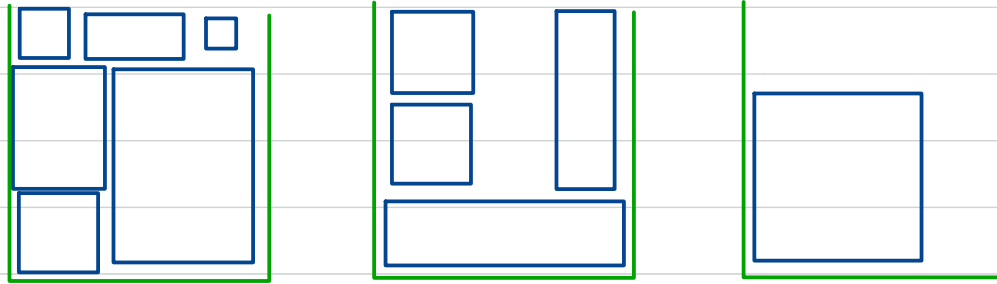


# BIN PACKING PROBLEM.

TUESDAY  
WEEK 4

## FIRST - FIT HEURISTIC.



GOAL: put away all items in as few bins as possible.

Input:

- collection of items of different sizes. (List)
- bin capacity. (number)

Strategy:

1. Open a bin.
- 2. Pick the first item not yet placed.
3. Check if it fits in first available bin.
  - ↳ yes: place it, go to 2.
  - ↳ no: go to next open bin, go to 3.
4. If still not placed: open new bin, place item, go to 2.

Output:

list of available bin capacities.