

# Assignment

- Extend the Rectangle class (from 8<sup>th</sup> practicals) to support equality test and comparison based on the area of the rectangle
  
- Extend the Matrix class (from 8<sup>th</sup> practicals) to support operators
  - add, multiply,..., equal,...
  - support also operators between ints and matrices

# Assignment

- Create a class representing a balanced binary search tree (red-black, AVL, or any other)
  - you can omit the “balanced” part and implement it later
- Add operator/special methods at least for
  - adding to the tree +
  - converting to string
    - “nicely” indented
  - support for iterating
    - from the smallest element in the tree to the biggest one
- Use the tree in a program that loads numbers from a file (numbers separated by a white space) and prints them out sorted



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