
Lab 11 - Divide and Conquer

1. Find the minimum and maximum values of an array (use divide and conquer strategy) ★
2. Compute the average value of an array (use divide and conquer strategy) ★
3. Implement the binary search algorithm ★
4. Implement the merge sort algorithm ★★
5. Implement the quicksort algorithm ★★
6. Find the closest 2d points in a plane ★★
7. Find the closest 3d points in a cube ★★★
8. Find the longest ascending sequence in an array (use divide and conquer strategy) ★★

Note: Leave a comment with the text PB1, PB2.A.II, ... PB10 above every function that implements the respective lab task. (upper case text, no space between the text and the problem number)