Assignments - IV

- 1. Given an unsorted array of size n. Find the maximum and minimum element using divide-and-conquer.
- 2. Given two positive integers x and n. Compute x^n using divide-and-conquer.
- 3. Given two polynomials $A_x = a_0 + a_1x + a_2x^2 + ... + a_nx^n$ and $B_x = b_0 + b_1x + b_2x^2 + ... + b_nx^n$. Compute the product A_xB_x using divide-and-conquer.