



3. . Provide a complete C or Java implementation of the algorithm of Question 2. Include suitable assertions and comments to enable easy understanding of your code by others.

4. Analyze the space and time complexity of the code of Question 3, both asymptotically and concretely (bytes and seconds). Be as accurate as you can, given the constraints. (If you have a computer handy, you are welcome to run a few quick experiments, but you do not have to.)

5. Describe your Capstone project to others in your group. Then, have each person write down, in their own words, a description of the project of someone else in the group, using at most 50 words per description.