CS180

Test 5 – 26 November 2019

1. Write the definition of a function that finds and returns the position of the minimum value in an unsorted vector of int values. Do not write a prototype or any Javadoc, just the function itself.
2. State what a data type is, and list the names of two C++ data types
3. A file name data.txt exists on disk that continue exactly 100 integers. Write a fragment of C++ code that declares necessary variables and constants, reads the numbers from the file. And finds the smallest and largest values. Print the smallest and largest to the screen after all of the numbers have been read.
4. Write the bubble sort algorithm
5. Write the linear search algorithm
6. Write the binary search algorithm