Assignment 3

Objective: To implement a C/C++ program to find the k^{th} smallest element in the array.

Brief Theory: Consider an array Arr[] of size n having distinct element and a number k, where k is smaller than the size of the array.

Input: 3 2 7 9 6 0 8 1 *k*=5

Output: The 5th smallest element is 6.

Task: Write a program to find k^{th} smallest element.

Apparatus and components required: Computer with C or C++ Compiler and Windows operating platform.

Experimental/numerical procedure: Coding, compilation, editing, run and debugging.