

Lab Sheet 3

Lab Tasks:

- A. Create an array of size **N** in the main function and put **N** random integers in that array.
- B. Sort the array using insertion sort if the number of input is odd and selection sort if the number of input is even.
- C. Ask a "key" value to be searched and search that key value using Interpolation Search.

Instructions:

If your key value is present in the array then return the index where the key value is located, if not print "No key found".

Reading material:

1. Schaum's Outline of Theory and Problems of Data Structures by Seymour Lipschutz.