Longest Increasing Subsequence

In these program we need to find the length of longest increasing subsequence.

To find these longest subsequence we need give some random numbers into the array.

The Longest Increasing Subsequence (LIS) problem is to find the length of the longest subsequence of a given sequence such that all elements of the subsequence are sorted in increasing order.

For example, the length of LIS for {10, 22, 9, 33, 21, 50, 41, 60, 80} is 6

LIS is {10, 22, 33, 50, 60, 80}.

The program is written and has been pushed into the git repository in the following link :

https://github.com/Sravan128/-Practice\_Projects/blob/main/SubSequence/SubSequence.java