

1. Write a program that allows the user to fill a list of integers.
2. Write a function that returns the minimum and the maximum of a list.
3. Write a function that displays the number of occurrences of a given value in a list.
4. Write a program that checks whether a list is sorted or not.
5. Write a program that shifts the element of a list by x positions.
6. Given a list of integers with $L[i] \in \{0,1\}$. Write a program that returns the position I such that $L[i]$ is the beginning of the longest consecutive series of 1.
7. Write a program that performs the fusion of two sorted lists. The resulting list must be sorted.
8. Write a program that computes the intersection of two lists.