

Name of the Student: _____

Q 1

Write a function that computes the **median** of a list of numbers. You may use SORT and LENGTH.

Q 2

Write a function SUBS that returns a sublist of a given list, with key parameters start and end.

Q 3

Given a list, remove all the elements that come between two occurrences of the symbol T. For instance, (A B T C T T G) should give (A B T T T G)

Q 4

Take two lists sort and merge them – the output should have all the elements in the two lists in a sorted way and allowing for repetitions. You can use SORT to sort lists before merging them.

Q 5

Do not allow repetitions in the previous question.

Q 6

Write a recursive function that rotates the given list one position left. For a list like (a_1, a_2, \dots, a_n) it should return (a_2, \dots, a_n, a_1) .

Q 7

Write a version of the previous function that takes the number of position to shift left.