

LAB #14

OPEN-ENDED LAB 2

Q1. Write MIPS Assembly Program that allows the user to enter a string and integer. Determine whether the entered string is a word or a phrase that reads the same backward as forward, (like “KAYAK” or “LEVEL” or “123456789” or “987654321”) and print the length of the entered string or integer, result on the screen.

Q2. Write MIPS Assembly Program that allows the user to enter 10 random numbers. After entered the numbers, the program should display:

- 1) The numbers that have been sorted in ascending order.
- 2) The sum of all the entered numbers.
- 3) The average of all the entered numbers.
- 4) The median value of all the entered numbers.