

Name: _____

CIS 351 Sample AL4 Problem

21 September 2025

AL4: Intermediate Assembly

- (a) Write an assembly function that will compute the sum of all values in an array. Assume that the location of the array is stored in **\$a0** and the length of the array is in **\$a1**.
- (b) Write an assembly function that will iterate through an array and change any negative values to 0. Assume that the location of the array is stored in **\$a0** and the length of the array is in **\$a1**.

Click here for solutions: [al4_sample_solutions.pdf](#)