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`.

(solution)