CS2610: Computer Organization and Architecture Lab

Lab Assignment - 1

10-02-2021

1   Problem

Given a sequence of integers(32-bit) as input. Compute the sum of the integers and print the sum. Your program should first take the sequence size as input and then the sequence of integers. The program should not print anything except for the sum. You can assume that the inputs given, will not cause any overflow/underflow.

Sample input and output

4
2 6 9 10

27

2   Submission Guidelines

- There will be points for the readability of the code. Write the code with proper comments wherever necessary and maintain proper indentation.

- Name the program with your roll_no. Ex: If your roll_no is CS19B001, your file name should be CS19B001.asm. If there are multiple files, use CS19B001_1.asm, CS19B001_2.asm etc..

- Place all the required files in a folder and compress the folder using zip compression. Name your folder in the following format. If your roll_no is CS19B001, name it as CS19B001_A$.zip, where '$' denotes the assignment number.