CSCE-231/2303 Spring 2020
Lab 2: MIPS Programming

Goals

The goal of this lab is to write code for small basic functionalities using the MIPS assembly language.

Details

You are required to write the following programs:

1. Write an assembly program that calculates and prints the total and average of an entered integer array.
2. Write an assembly program that calculates the power of two integers (x^y) using repetitive multiplications.
3. Write an assembly program that computes a certain character frequency in a given string.
   For example:
   Input string: "Hello There!"
   Input Character: 'l'
   Your output should be: 2 times