Module 6 Programming

- Due Oct 10 at 5:45pm
- Points 100
- Questions 2
- Available Oct 10 at 12am - Oct 10 at 11:59pm 23 hours and 59 minutes
- Time Limit None

This quiz was locked Oct 10 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	56 minutes	1 out of 100

Score for this quiz: 1 out of 100
Submitted Oct 10 at 5:12pm
This attempt took 56 minutes.

Question 1
Not yet graded / 30 pts
Write a program that asks for two signed decimal inputs then display the sum, difference, product, quotient, and remainder of the two numbers.

2024-2025-LBYARCH-M6P1Q1-S18-CLEMENTE.asm
(https://dlsu.instructure.com/files/22789507/download)

Question 2
Not yet graded / 70 pts
Write a program that computes the Variance of N input numbers. Variance is a statistical value that represents how widely spreaded the distribution of the dataset. Variance is large if elements have more diverse values. Variance is small if elements are homogenous (similar). It is denoted by ***σ2***, and is calculated as the summation of squared difference between each element ***x*** and the mean ***μ***, then divided by the count ***N***. Shown by the equation below.

$$\sigma^2 = \frac{\sum (x - \mu)^2}{N}$$

Provide the count as the first input followed by the dataset. Example:
5
1
2
3

4

5

Output: sum, mean, and variance.

Sum: 15

Mean: 3

Variance: 2

2024-2025-LBYARCH-M6P1Q2-S18-CLEMENTE.asm (https://dlsu.instructure.com/files/22790100/download)

Quiz Score: 1 out of 100

This quiz score has been manually adjusted by +1.0 points.