

CST8233: Lab #7& 8

Descriptive statistics

Objective

The objective of this lab is to familiarize the student with the theory topics covered in Week 6. Mainly, this lab focuses on **Descriptive statistics**

Earning

To earn your mark for this lab, each student should finish the lab's requirements within the lab session and demonstrate the working code to the instructor.

Discussion

Write a program to calculate the basic descriptive statistics measures of a set of input data. Mainly, you need to calculate the following measures: Mean, Median, Mood, Range Variance, and Standard deviation

The program asks the user to input the data then prints all descriptive measures corresponding to the entered data.

Example:

Enter the number of data points: 5

Enter your data:

7
6
5
6
9

Mean=6.6

Median=6

Mode=6

Range=4

Variance=2.3

Standard deviation=1.516