



## Week 5 Lab Assignment

Name: [REDACTED]

Instructor Name: [REDACTED]

Please use this template to help answer the questions listed in the lab instructions. The “steps” below refer to the steps listed in the lab instructions. Type your answers and post your screenshots in the spaces given below. Then, save this document with your name and submit it inside the course room.

### Step 1. Gather Data

Your instructors will post 10 data values to use for this lab. The data values represent the HEIGHTS of 10 people.

Please reach out to your instructor if you did not receive the assigned 10 data values for the term by Monday of Week 5.

(**NOTE:** This is NOT the data used in the lab video, which is about midterm grades. Do not use the midterm grades data.)

**1a.** Gather 10 MORE of your own to add to the 10 provided by your instructor. Do the following: Survey or measure 10 people to find their heights. Determine the mean and standard deviation for the **20 values** by using the Week 3 Excel spreadsheet. (Round statistics to two decimals.)

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 53 | 58 | 60 | 67 | 67 | 67 | 68 | 69 | 72 | 74 |
| 58 | 75 | 42 | 50 | 51 | 80 | 75 | 75 | 69 | 70 |

|                                     |       |
|-------------------------------------|-------|
| Mean Height in Inches               | 65.0  |
| Sample Standard Deviation in inches | 10.13 |
| Your Height in Inches               | 58    |
|                                     |       |