Class Activities

# Chapter #9: Entering and Organizing Quantitative Data

This is a multipart exercise:

1. In this activity, you will be gathering and organizing data collected from students in your class. Use the table below to collect this information (ask students to handwrite their answers into one table that you circulate among all the students) and add additional rows to accommodate your class size. Photocopy the completed table and circulate it to all your students. Ask each student to enter the data *exactly as collected* from the table into a program like Excel. Ask the students to prepare the data for analysis by creating appropriate variable names for each variable. In order to anonymize the data, ask them to generate a unique ID for each student. As a class, discuss the data that was obtained from this exercise. Do you notice any problems with your data? Did you encounter any challenges with data entry?

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| --- | --- | --- | --- | --- | --- | --- |
| Student name | What is your height? | What is your age? | What is your eye color? | What is your hair color? | What is your favorite ice cream flavor? | Where were you born? |
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1. Identify each variable type from the table above. For example, is height a nominal, ordinal, interval, or ratio variable? Do the same for all the variables.
2. Reflect on this exercise. What would you do differently if you were to repeat this exercise?