Objective:
We are interested in finding out if the number of boys born in or around Decatur is the same, more than, or less than the number of girls born in or around Decatur (write $H_0$ and $H_a$ based on your own belief).

Note: you are taking a sample from a population.

Procedure:
1. In one paragraph explain what you want to do and how you want to do it.
2. Use a newspaper (Herald & Review for example), or the Internet, or any other medium you prefer for a sample size of at least 100 to make a table of the number of boys and the girls born for these days.
3. Draw a bar graph for your data (use the horizontal axis for the days and the vertical axis for the frequencies). Use a blue pen for boys and a red one for girls.
4. Find the ratio of the number of boys to the total number of infants born.
5. Find the value of the test. Use .05 for the level of significance.
6. Based on your test, write a conclusion.

Notes:
1. Record a name at most one time.
2. The days that you collect your data do not have to be sequential.
3. Indicate the date of the day that you collect the data.
4. Except the calculations and the graph, everything else must be typed.
5. Your project must start with an introduction.