

**STA 275 STATISTICAL ANALYSIS**  
**Homework #0 (Due Tuesday or Thursday ??, August ??)**

1. Do you have any questions about our STA 275 syllabus or the structure of our course?
2. Do you have any questions or comments about statistics in general?
3. Outside of the usual classroom time, roughly how many hours per week do you plan on studying for this course?
4. Please write something about yourself (e.g., interests, hobbies) that will help me remember you.
5. Please introduce yourself to someone you don't already know in the class. To answer this question, please write their name (first and last).
6. If  $\bar{x} = \sum_{i=1}^n x_i/n$ , then show that  $\sum_{i=1}^n (x_i - \bar{x}) = 0$ .
7. If

$$z = \frac{B}{s/\sqrt{n}},$$

then show that

$$n = \left( \frac{zs}{B} \right)^2.$$