Objective of assignment

- Illustrate empirical aspect of some computer science research
- Illustrate experimental design
- Encounter “messiness” of research
  - Introduction of “m” parameter unrelated to problem—except needed to overcome clock granularity problems

Purpose of written report

- Report on the results of your experimentation in a professional manner
- Write a technical paper that might be presented at a computer science conference
Sample Outline - 1

- **Abstract**
  - If well written, a busy person can read this to understand your results. Include a brief description of what you did. Include your major conclusions.
- **Introduction**
  - Brief statement of what the study is about and what is included in the report.
- **Objective of study**
  - More complete description what you did
  - Justification for study (i.e., why it matters)
- **Related work**
  - Since this is a class assignment, this can be quite short

Sample Outline - 2

- **Describe what you did in some detail**
  - What data structures
  - Why these?
  - What random distributions
  - Why these?
  - Maybe pseudo-code for driver
- **Describe the design of the experiment**
  - What machine, what runs
- **Problems encountered (if any)**
- **Results from various runs**
  - Potential problem: how to present lots of data in an understandable way so reader can understand your results
  - Use graphs, tables, animations, etc. etc.
- **Conclusions, including your assessment of the validity of your results, future work if appropriate**

Due Dates

- **Draft, numeric results section with text, graphs, charts**
  - Wed., April 13
- **Remainder sections**
  - Mon., April 18