

CS 475/575  
Project Report Contents

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Old Dominion University  
Spring 2005

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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

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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

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## 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

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## 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

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## Due Dates

### ⌘ Draft, numeric results section with text, graphs, charts

- ☑ Wed., April 13

### ⌘ Remainder sections

- ☑ Mon., April 18

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