

Math 290
Week 11 Lab

Instructions: Use \LaTeX to typeset a document containing each component described below. Turn in your lab by emailing it to jamesju@mnstate.edu.

You should email both your raw TeX (.tex) file and your compiled document (in .ps *or* .pdf form). This assignment is due no later than in class on the last day of classes (Tuesday, May 3rd). You will be graded on both your raw TeX code and the accuracy of your compiled document.

1. Use the “report” document class for this lab.
2. Make sure to load the “graphicx” package in the preamble of your document.
3. Add the necessary information to create a title page for your report, including at least your name and a title (of your own choosing).
4. Add the commands necessary to add a table of contents to your report.
5. Add the commands necessary to add a list of figures to your report.
6. Add the commands necessary to create a bibliography for your report.
7. Your Report **MUST** contain the following content:
 - (a) At least two chapters. Each chapter should have at least two sections.
 - (b) At least two figures. Each figure should have both a caption and a label.
 - (c) At least two theorems.
 - (d) At least one enumerated environment.
 - (e) Your report where you include the following references using the `\ref` command:
 - i. At least one reference to a chapter.
 - ii. At least one reference to a section.
 - iii. At least one reference to a figure.
 - iv. At least one reference to a theorem.
 - v. At least one reference to an item in an enumerated environment.
 - vi. At least two references using the Varioref Package (these may be one of our previous references) one referencing something one page away and one referencing something more than one page away.
 - (f) You should include the .bib file you use to create your bibliography. Your .bib file should contain at least three references. Your report should cite at least three references.
 - (g) Your final report should be correctly compiled to include all features (references, table of contents, list of figures, internal citations).

Note: Other than these restrictions, you may fill in the content of your presentation however you wish.