

Florida International University Instructions for Creating PDF/A-1b from TeX/LaTeX

The Florida International University Graduate School and Digital Collections Center offer a special thank you to Zhiguang (Gerald) Wang, Department of Economics, who prepared this document 6/15/2009.

Purpose

The following instructions aim to provide a guideline for TeX/LaTeX users to generate from a file with PDF/A-1b format that complies with the ETD standard for archiving theses and dissertations. The working LaTeX environment is WinEdt/MiKTeX. You may want to make some change accordingly if you use other LaTeX packages.

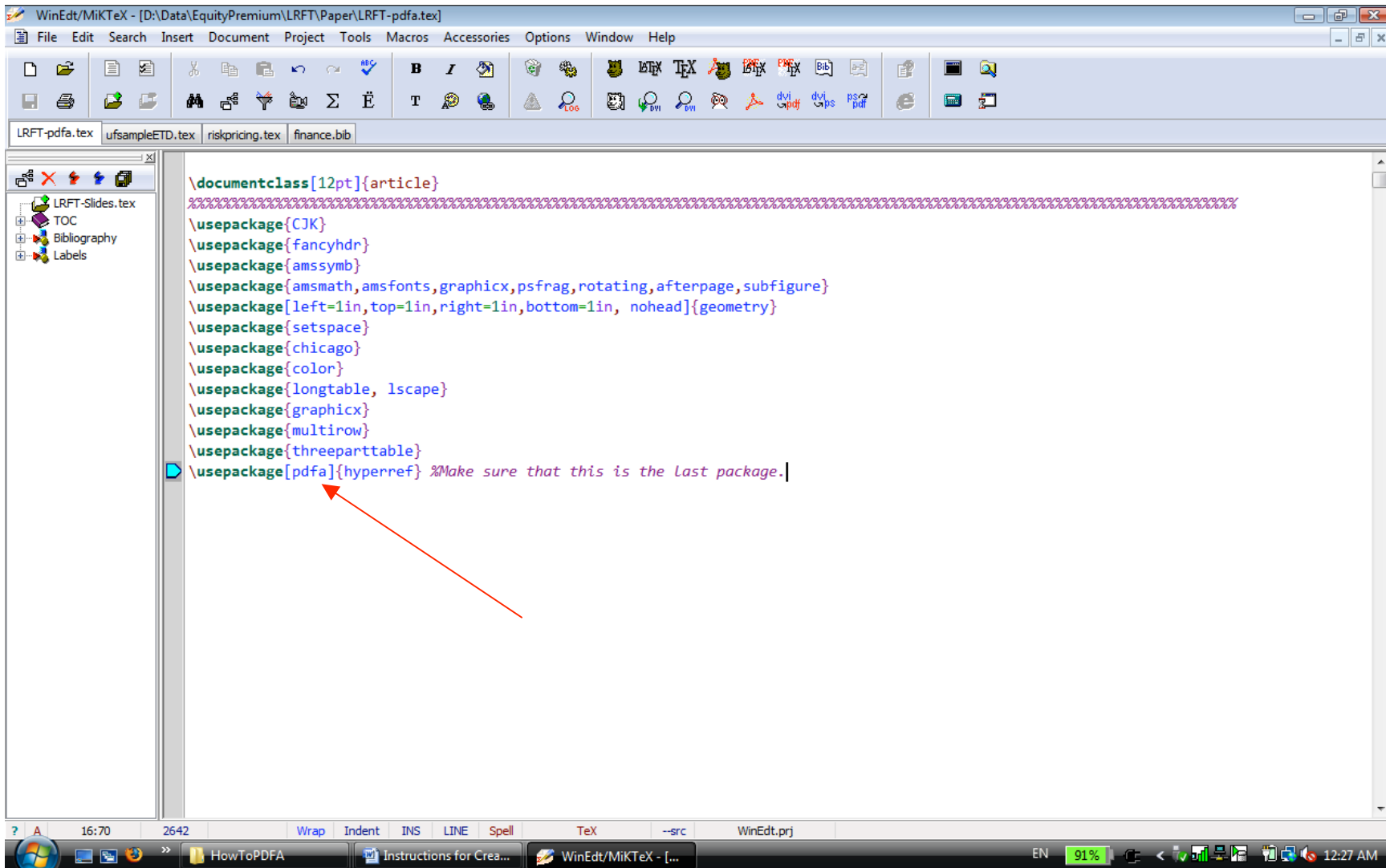
Procedures

The following step-by-step procedures are accompanied by snapshots. The red arrows, wherever they appear, aim to provide where you should click or pay attention to.

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Instructions for Creating PDF/A-1b from TeX/LaTeX

1. Write your paper in .tex format and make sure that you include the option **[pdfa]** if you use the package **hyperref** for your citations and hyperlinks. The package **SHOULD** be placed at the end of the list of package references. This is the most crucial step for the entire procedure.

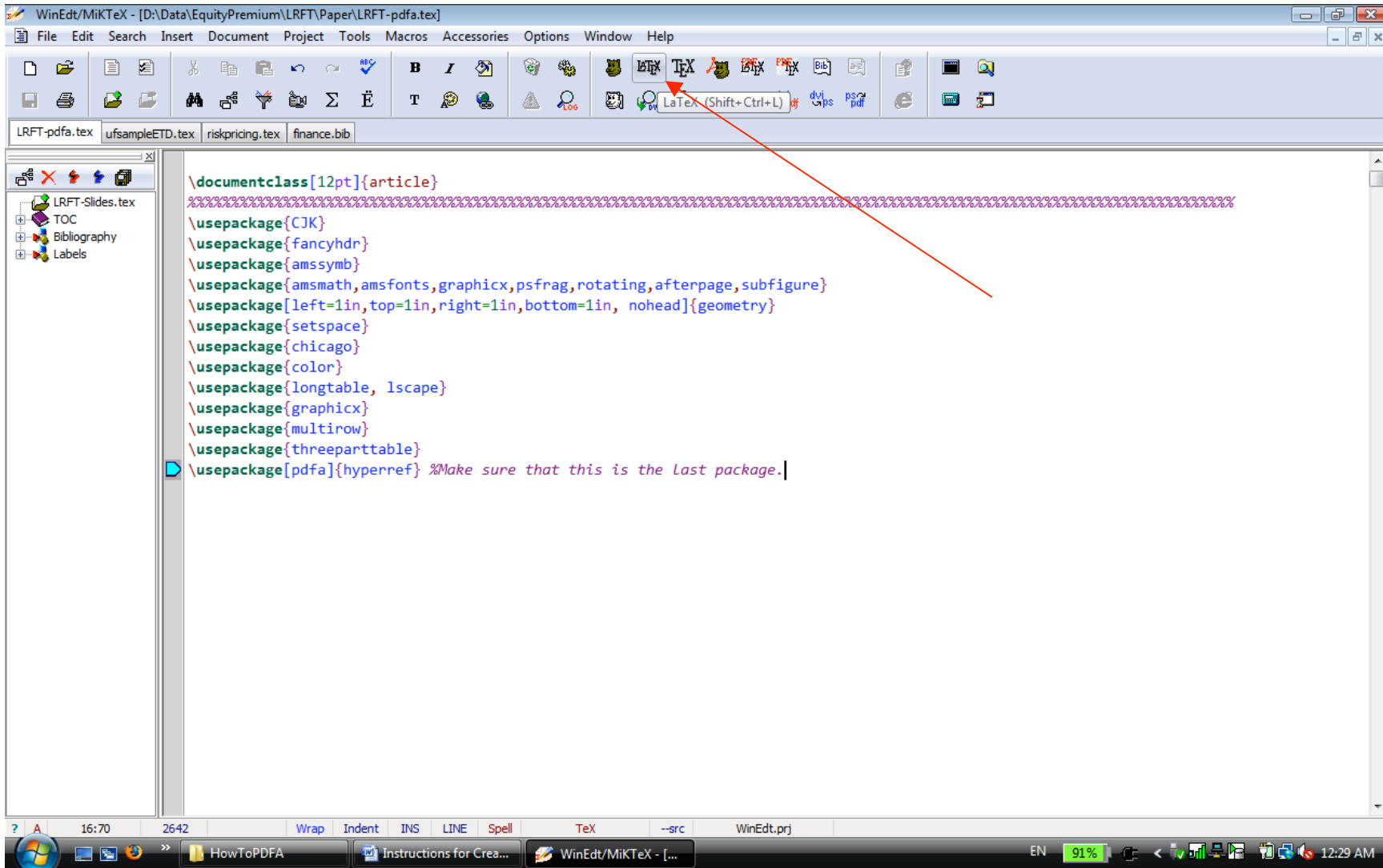


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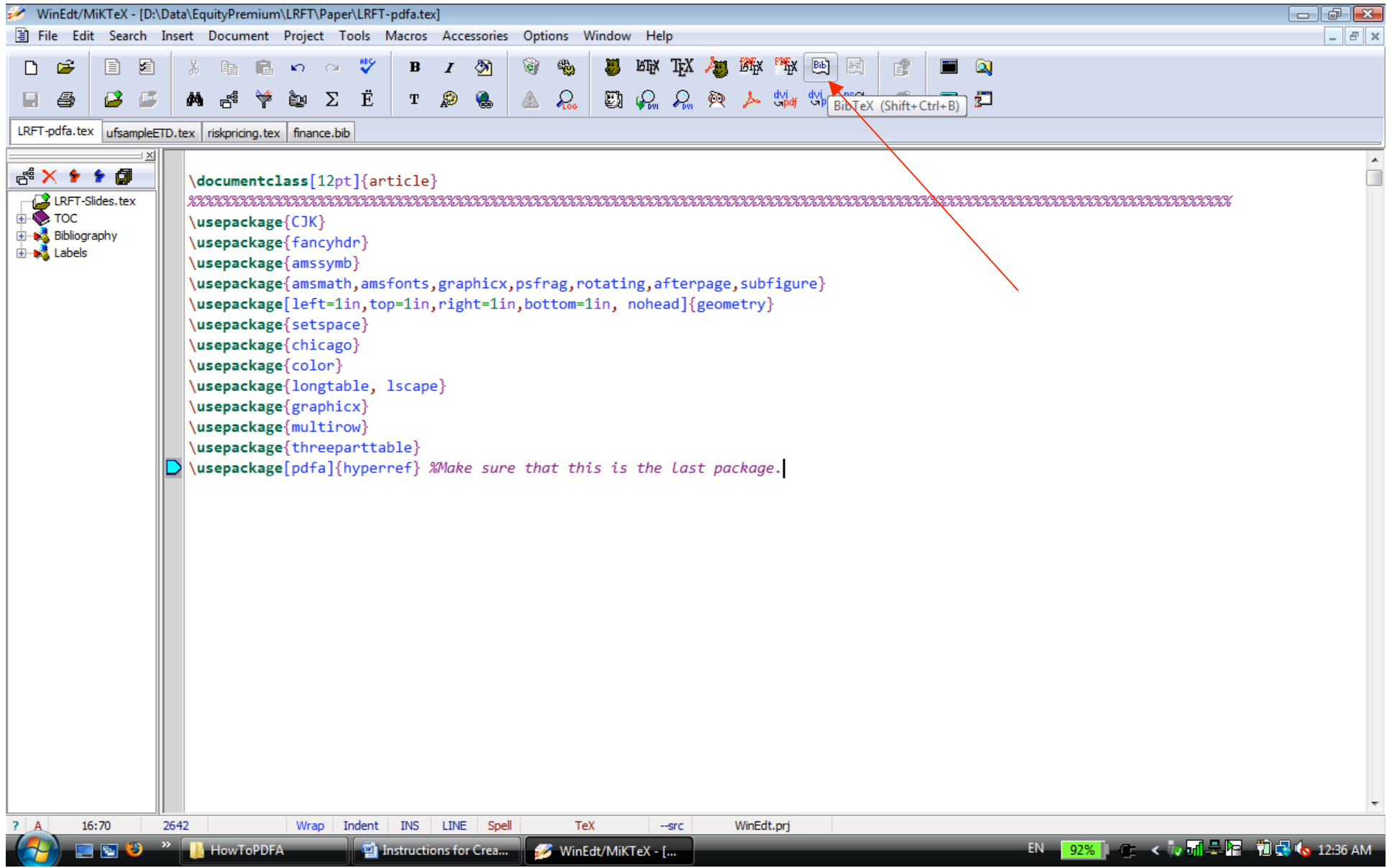
2. Create a PDF file using the following sequence:

2.1. Click the “LaTeX” button in MiKTeX.



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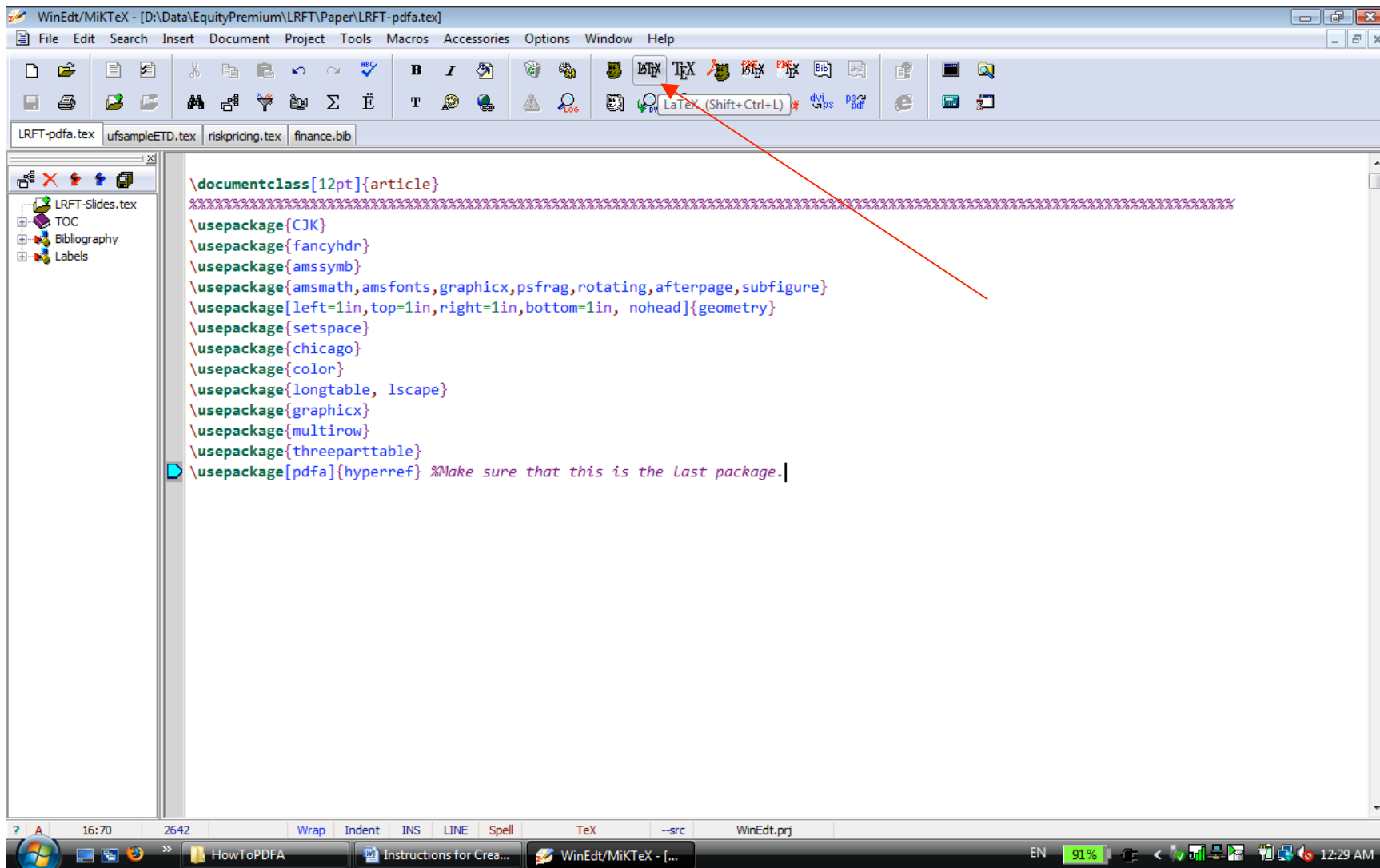
2.2. Click “Bib” button to include the bibliography.



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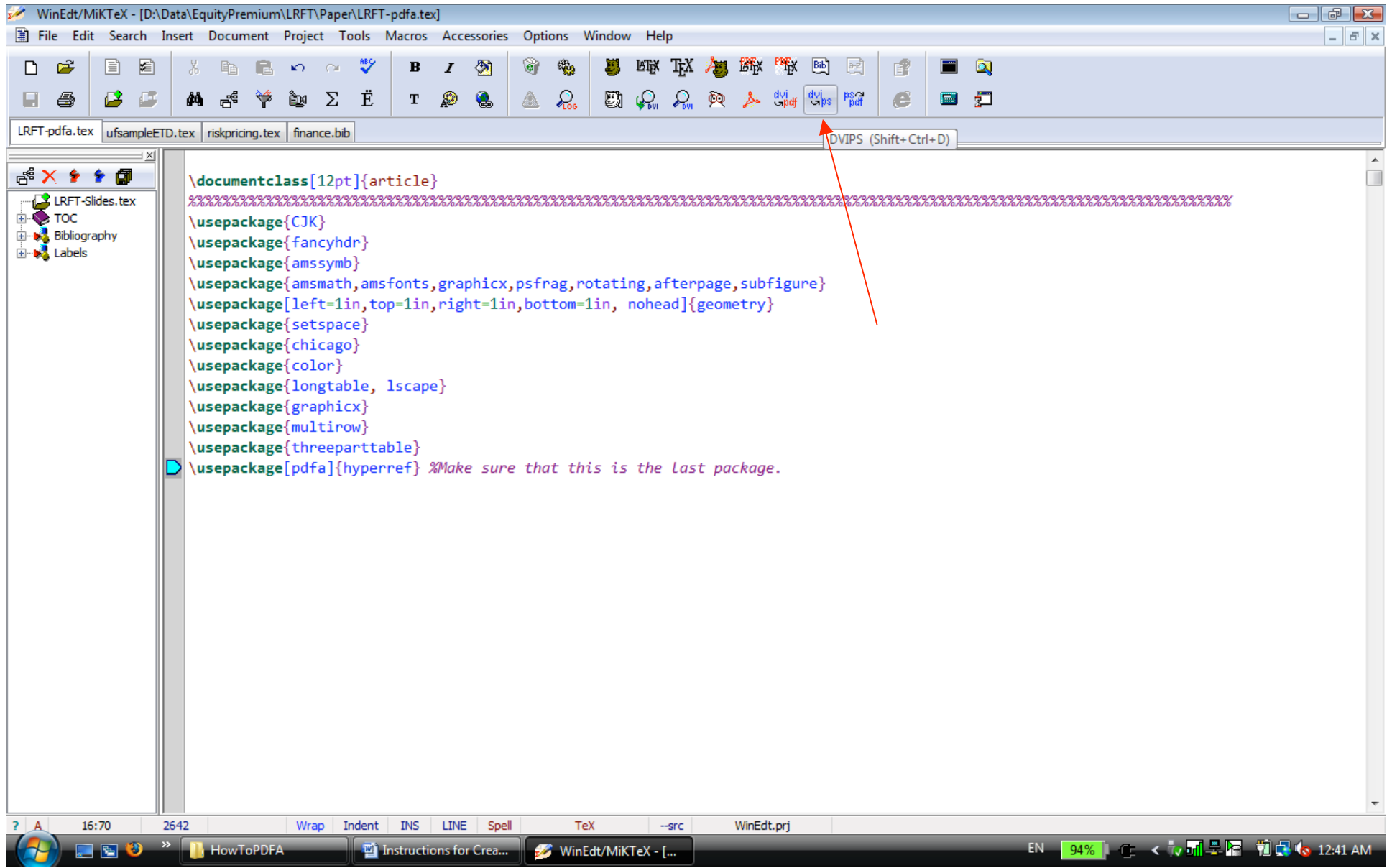
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2.3. Click “LaTeX” button again. Up to now you have produced a complete .dvi file.



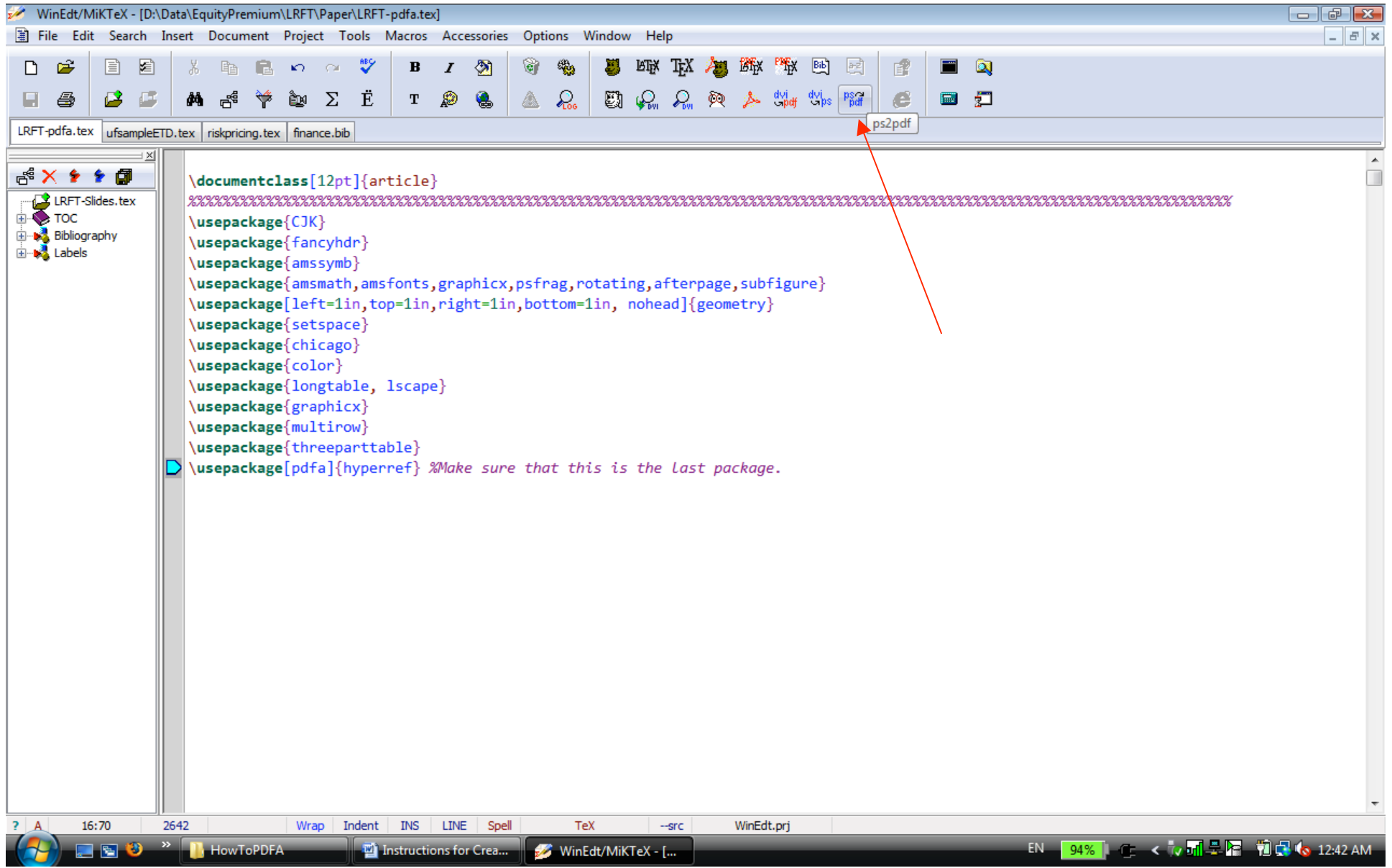
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2.4. Click “dvi -> ps” to convert the .dvi file to a .ps file.



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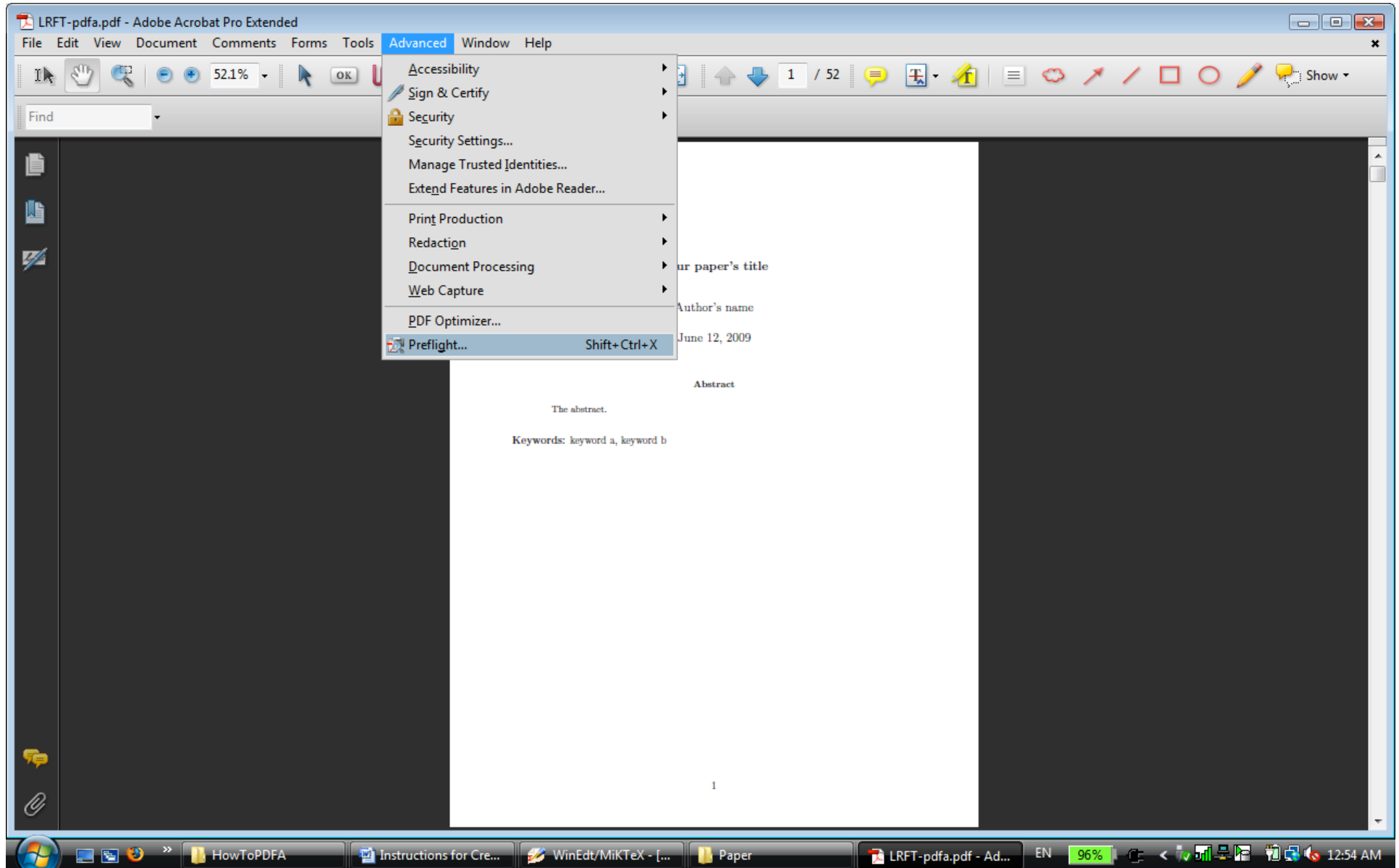
2.5. Click “ps -> pdf” to convert the .ps file to a .pdf file.



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3. The last step is to use Adobe Acrobat to convert the .pdf generated above to a PDF/A-1b file.

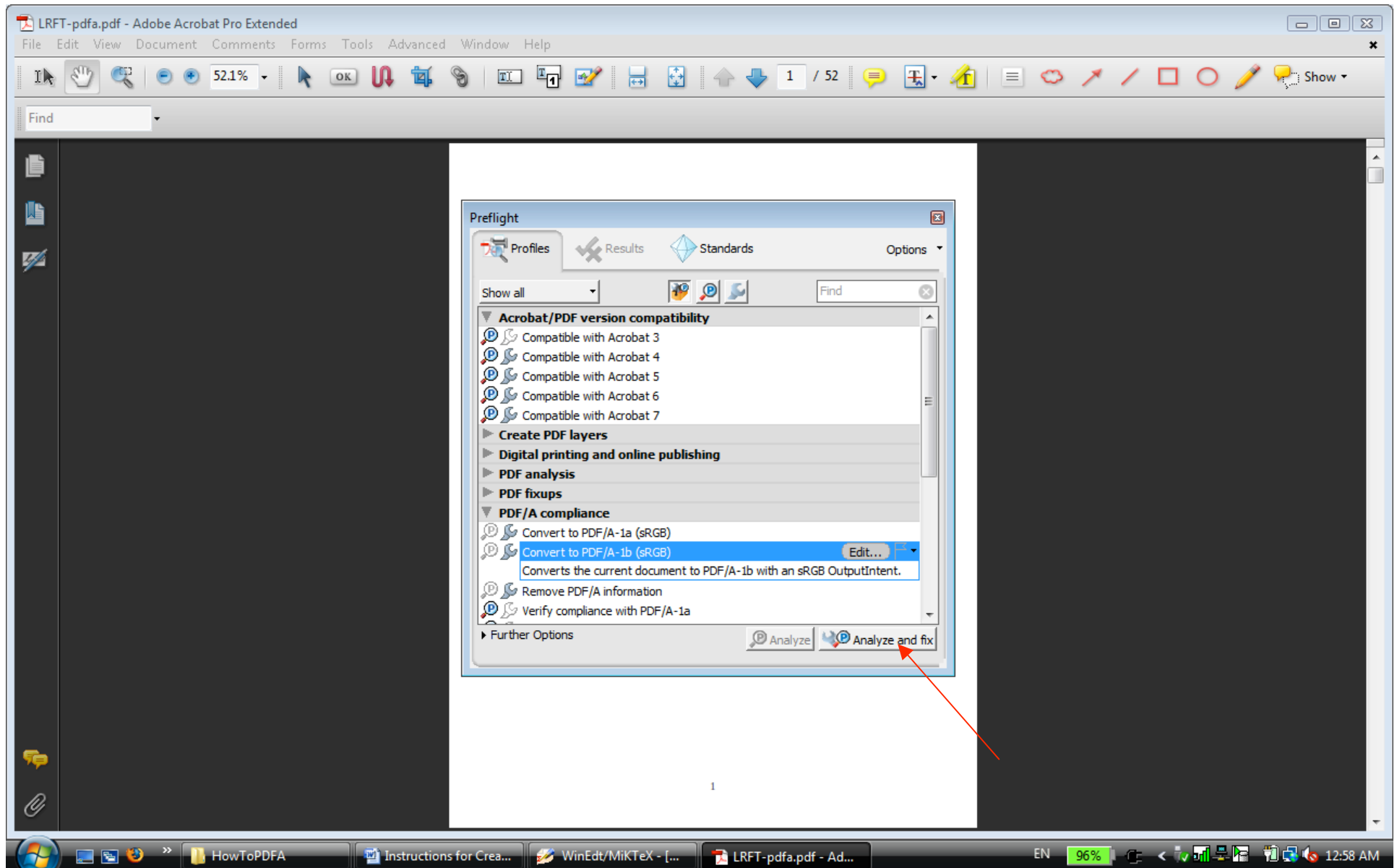
3.1. Open the above .pdf file in Adobe Acrobat and Click “Preflight” in the “Advanced” menu.



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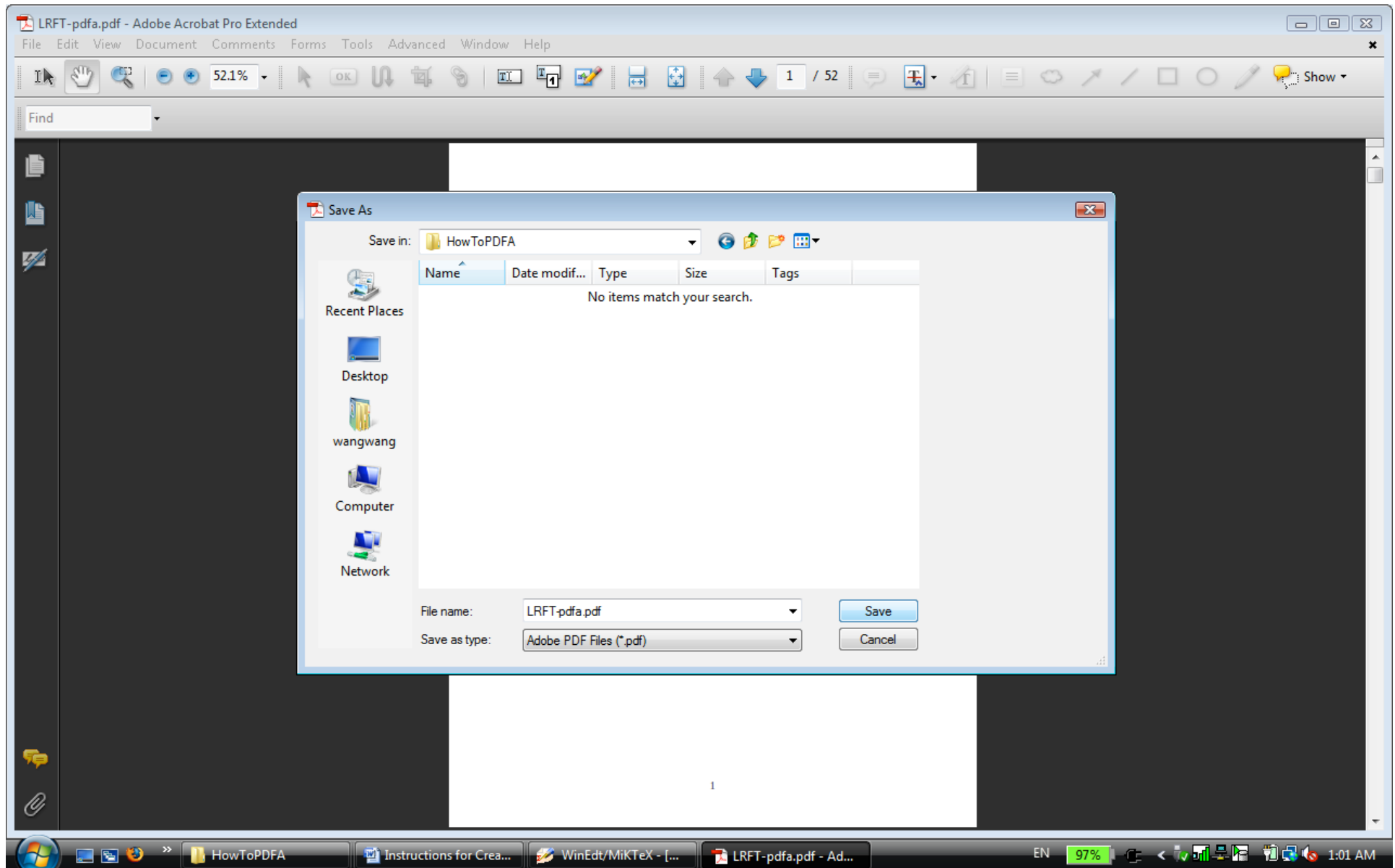
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3.2. Highlight “Convert to PDF/A-1b (sRGB)” and click “Analyze and fix”.



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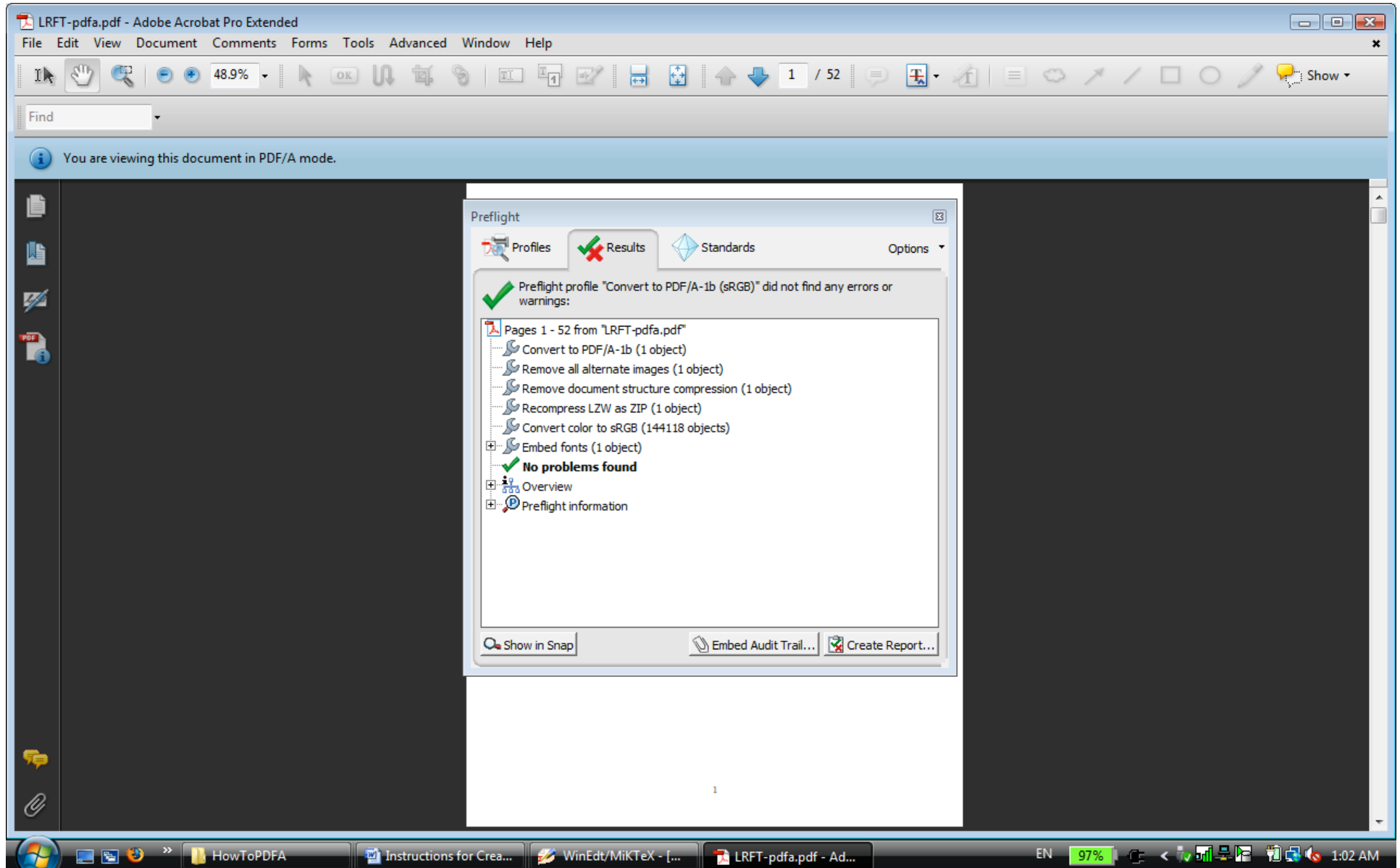
3.3. Click “Save” in the pop-up window.



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3.4. The process will give a report on your final result. If you find “No problems found” in the report, your pdf file complies with PDF/A-1b standard.



Questions? Concerns? We are here to help!!!



If you have any trouble, concerns or questions while completing the ETD submission process, contact Allison McComb at the UGS Office (mccomba@fiu.edu) or the Library ETD Specialist (dcc@fiu.edu).