





# LaTex Lab 1: Hello World

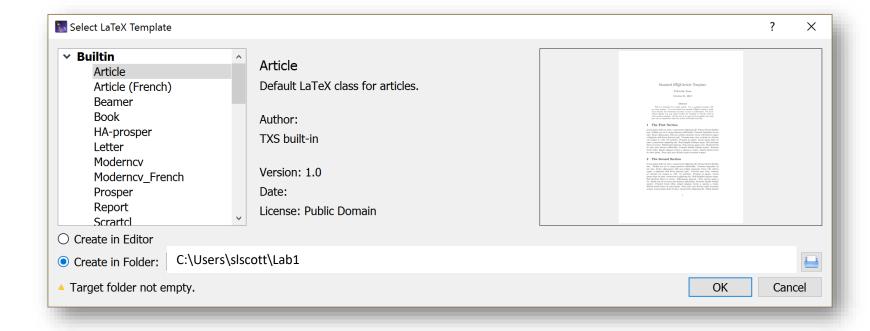
CSI 500

Course material derived from:

Lamport, L. (1994). LATEX: a document preparation system: user's guide and reference manual. Addison-Wesley

# Hello World

- Let's make our first LaTex document
- Make a new folder called "Lab1"
- In TexStudio, File,
   New From Template
- Select "Article"
- Select "Create in Folder", and navigate to your "Lab1" folder.



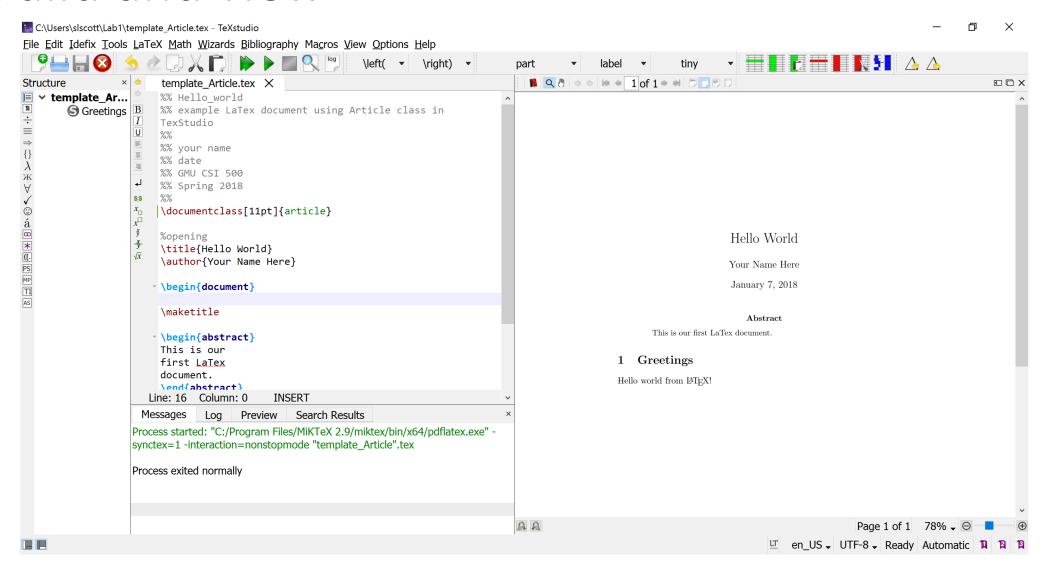
Press OK

# Hello World LaTex code

- Type in the following in the editor window.
  - Your additions are shown in RED font color
  - the "%" indicates comments
- Save the document
- Press the green arrowhead titled "Build and View" on the menu bar - it looks like this
- At the dialog box, press
   F5 and OK

```
% Hello world
% example LaTex document using Article class in TexStudio
% your name
% date
% GMU CSI 500
% Spring 2018
\documentclass[]{article}
%opening
\title{Hello World}
\author{Your Name Here}
\begin{document}
\maketitle
\begin{abstract}
This is our first LaTex document.
\end{abstract}
\section{Greetings}
Hello world from \LaTeX!
\end{document}
```

#### Build and view



# Let's fix the overly generous margins

- LaTex "article" class has very wide margins to allow for typesetting in bound journals.
- For regular printing, we can get by with 1 inch (2.54 cm) margins.
- To do so, add in the \usepackage{fullpage} command in the preamble

```
% Hello world
% example LaTex document using Article class in TexStudio
%
% your name
% date
% GMU CSI 500
% Spring 2018
%
\documentclass[11pt]{article}
\usepackage{fullpage}
%opening
\title{Hello World}
\author{Your Name Here}
```

# Build and view

