

CSCI 3355 Software Design and Construction
Lab Document

High-level Purpose statement:	I want to learn about and explore the Spring Boot framework.
Experiment Design:	I would like to see how to serve some basic web pages with spring boot. I would also like to see how I can serve some changed web pages too.
Resources Available:	The spring boot documentation and Dr.Barrash's quick in class spring boot primer are my main resources.
Time estimate:	Hopefully less then 2 hours.
Experiment Notes:	I started out by using the spring boot initializer to make a very simple project. I then started out by trying to use a rest controller. It could send text, but not files. I needed to use a @Controller not a @RestController. I also needed to add thymeLeaf to my dependancies. So I was able to get a basic page served. Next, I wanted to see about basic input. I added an html form. You can submit the form to see the value appear under the input.
Results:	I got a basic primer into using the spring boot framework. I can see some of the advantages. I have done the same kind of thing in C before with libevent. Not too hard, but not fun either. With Spring you can use java annoations.
Consequences for the Future:	I learned some basics on using the spring boot framework. Its not great, but it is something.