**Objectives**

The purpose of this lab is to help you learn to:

* Deploy a web app to the Azure cloud
* ~~Use FTP to inspect the files uploaded to the Azure App Service~~
* Monitor HTTP traffic between a web app and the browser
* Debug a web application

**Part 1: Deploying your web app to Azure**

* Use the Visual Studio to deploy your app to the Azure App Service
* ~~View the files you deployed using FTP~~

**Part 2: Monitoring HTTP Traffic and Debugging**

* Either Install [Fiddler](https://www.telerik.com/fiddler) or use your browser’s Web Console to monitor network traffic between your development server and the browser. Here are instructions for using the [Firefox Web Console](https://developer.mozilla.org/en-US/docs/Tools/Web_Console).
* Make a copy of a my web app, [DebuggingPracticeGroupA](https://github.com/LCC-CIT/CS295N-CourseMaterials/tree/master/Labs/Lab05/DebuggingPractice-GroupA). Note: this app is in my Course Materials repository. You will need to clone the whole repository to get this app. Make your own copy of the solution folder in a new location.
* Debug the app using all the debugging techniques you know:
  + Setting breakpoints in Visual Studio
  + Looking at the URL in the browser address bar
  + Monitoring HTTP traffic
  + Using “View Source” in the browser to see how your view was rendered into HTML
* Fix the app so that all the links and pages work as described on the main page of the app

**Submission to Moodle**

You will not post a beta version or do a code review this week

~~Beta Version~~

~~Upload the following to the Code Review Forum:~~

1. ~~A document containing the URL of your app running on Azure~~
2. ~~A zip file containing the debugged web app’s Visual Studio solution folder.  
   Or, a link to a repository containing your web site solution source code. You can put the link on the same document as the URL for the app running on Azure.~~
3. ~~A code review of your lab partner’s work. (You do this after your lab partner submits items 1 and 2 and you review them.)~~

Production Version

Submit the following:

1. A document containing the URL of your app running on Azure
2. A zip file containing the debugged web app’s Visual Studio solution folder.  
   Or, a link to a repository containing your web site solution source code. You can put the link on the same document as the URL for the app running on Azure.
3. ~~The code review of your work (the one done by your lab partner) with the second column (“Production”) completed by you.~~