**CS 487 DATA SECURITY**

**HOP01B – Mac – Installing Visual Studio Code**

12/7/2020 Developed by Mary Oh

X/X/2020 Reviewed by XXXXX

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**Before You Start**

* Version numbers may not match with the most current version at the time of writing. If given the option to choose between stable release (long-term support) or most recent, please choose the stable release rather than beta-testing version.
* This tutorial targets Windows users and MacOS users.
* There might be subtle discrepancies along the steps. Please use your best judgement while going through this cookbook style tutorial to complete each step.
* For your working directory, use your course number. This tutorial may use a different course number as an example.
* The directory path shown in screenshots may be different from yours.
* If you are not sure what to do or confused with any steps:
  + Consult the resources listed below.
  + If you cannot solve the problem after a few tries, ask a TA for help.

**Learning Outcomes**

* Learn how to install Microsoft Visual Studio Code

**Resources**

* Visual Studio Code - <https://code.visualstudio.com/>

For this course, you will be learning Azure and Infrastructure as Code (IaC). Before starting with Azure, you will need Visual Studio Code. Visual Studio Code will help make Azure development easier, such as getting started quickly, easier deployment, remote debugging, and exploring visually.

**Creating an Azure free account**

1. Go to Microsoft Azure website - <https://azure.microsoft.com/en-us/free/>
2. Sign in using your CityU Microsoft account. This is the same as your CityU email address and password. Otherwise, please create a new account.
3. Select Try Azure for free then Start free.

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**Install Azure CLI on MacOS**

1. Install with Homebrew. Open your terminal and type the following command.



1. You can then run and sign in the Azure CLI using the following command. This will open up a window to sign in using your Azure account information.

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**Install Azure CLI on Windows**

1. Download and install the current release of the Azure CLI - <https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?tabs=azure-cli>