

## MIS3502 – Software Setup Assignment

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This assignment is not graded. However, getting all the software installations in place \*now\* will help you a great deal later in the semester. Some of the server-side pieces may need to be done over a period of days, so it is best to not put this off to the last minute!

### Client Side Installations

1. Students should buy a USB drive to hold their work. This way student work can be easily transported between the classroom computers and their own personal equipment.
2. Students should install the following on their personal systems:
  - a. Visual Studio Code
  - b. Bitwise
  - c. Node.js

Video instructions for these installations can be found here: <https://youtu.be/YE2FYzafjLI>

**NOTE:** Mac users can use FileZilla instead of Bitwise ( <https://filezilla-project.org/> ) as they did in MIS2402. All other software titles are cross-platform and will work on both Mac and PC. Please be advised that these and any other future instructions will be targeted at the Windows PC platform. Mac users are expected to adapt accordingly.

### Server Side Installations

3. In this course you will need to use an EC2 server provided by AWS. Setting up the server isn't hard, but it is a multiple step process. To get your personal server set up, follow the video instructions found below.
  - a. Creating your (free) AWS Account <https://youtu.be/BDuIU06itTY>
  - b. Applying your AWS Education Credit <https://youtu.be/tCilTVzYLw>
  - c. Getting to your AWS Console and requesting an EC2 server <https://youtu.be/slkiUVVjIKg>
  - d. Getting a Remote Desktop connection to the server and signing in (same as above)
  - e. Software installations: <https://youtu.be/wY7EkjC4UAc>
    - i. Chrome
    - ii. Visual Studio Code and setting up a workspace
    - iii. Node.js
    - iv. Node packages
      - qckwinsvc (This is short for Quick Windows Service)
      - nodemon (This is short for Node.js Monitor)