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Install Bash Shell, Visual Studio and Java

Install Bash Shell for Windows

If Git Bash is not already installed then we will need to do that together.

The Bash Shell, aka Git Bash, enables developers to use linux and unix style commands on their windows machine. This make the development process faster and more uniform.

On a Windows 10 machine, follow the instructions found here: (Google Sitereq Git Bash and hit the first link)

`https://www.windowscentral.com/how-install-bash-shell-command-line-windows-10`

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Install Visual Studio 2019 for Windows

If Visual Studio is not already installed then Google "Download Visual Studio 2019 Windows" and download the Community version for free.

```
https://visualstudio.microsoft.com/vs/
```

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Install Java for Windows

Time to Install Java. Google "Install Java Windows Offline 64-bit" to find the link to download Java. Download and open the file and follow the instructions.

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Test Your Tools

- Restart the Bash Profile if it is open.
- You should now be able to access Git Bash and Visual Studio. Save the images to your desktop for easy access in the future
- Open the Bash Shell and type `git --version` to verify git is installed.
- Check for Visual Studio by typing `code -v`
- To check for Java type `java -version`
- If for any of these tests you receive anything other than "command not found" then great work!

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Common Terminal Commands

- mkdir FOLDER_NAME // Makes a new directory
- cd FOLDER_NAME // Change Directory
- touch FILE-NAME.EXT // Makes a new file
- cd // Returns to root directory
- cd .. // Returns to parent folder in directory tree
- ls // list files and folders in the current directory
- pwd // presents current working directory
- rm FILE-NAME.EXT // removes the file
- There's plenty more and you can learn more about how to use the Terminal in Google Searches. We'll provide you terminal commands as needed too!

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Login or Create a GitHub Account

We're going to use GitHub to save all of your code and reference Maydm's repository for source code resources.

Before we go any further, let's go to https://github.com and create or login into an account.

If you're not signed into GitHub then you'll see Sign In and Sign Up in the upper right corner. Follow the prompts to complete the process.

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Your Classes' Repository

We have created a repository for your program. In the repo you'll find starter code and supplements that we'll refer to throughout the next five weeks. Go to this site now and save it in your bookmarks for easy retrieval in the future:

https://github.com/Maydm/appetite-for-apps

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Setup for First Java Lesson

Please proceed to the slideshow titled "Setup for First Java Lesson"

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