**CODE FIRST GIRLS BRUNEL UNIVERSITY LONDON. BEGINERS COURSE RESOURCES AND SET UP**

*Tools Needed for the beginners’ course*

1. **HOWCLOUD:** This is how the entire series would be taught. Make sure you are signed up and linked to <https://www.howcloud.com/course/code-first-girls>

THIS SECTION GETS GIT AND GITHUB UP AND RUNNING ON YOUR LOCAL MACHINE

1. **Git tools**
   * **Github account:** Go to [Github](https://github.com/), sign up and register an account. If you have one already, just sign in.
   * Fork code First Girls Brunel Github Repo: Got to <https://github.com/CFG-Brunel-University/Beginner-Course#fork-destination-box> and fork the repository. (At the top right of page).
   * From command line:
     1. ‘Cd’ to your desktop. [cd C: \user\Desktop]
     2. Make a new folder called ‘GIT’ or ‘REPOS’. [mkdir GIT] [mkdir REPOS]
   * **Github Desktop:** This is a user friendly GUI that integrates online github repository with a desktop version of such repository.

***Windows Users:***[***Github Desktop for Windows***](https://github-windows.s3.amazonaws.com/GitHubSetup.exe)

* + Install and sign-in to github desktop. (When you clone a repository from github online, it should appear here… But that is after we have configured GIT. (We will cover the entire concept of GIT and version control for about 20 minutes in class.)
  + **Git:** This is the command line tool for github. It is like a file directory management system for github accessed directly from a command line.

THIS SECTION SETS UP COMMNAD PROMPT WITH NECESSARY TOOLS.

1. **Command Line Tools**
   * **Open the command prompt as an administrative user**
     1. Go to your Start Menu > Search for 'Command Prompt'.
     2. Right Click on 'Command Prompt' and click 'Run as Administrator'

* Copy and Paste this code on your command line. (This one line of code not 3 copy it as once)
* *@powershell -NoProfile -ExecutionPolicy unrestricted -Command "(iex ((new-object net.webclient).DownloadString('https://chocolatey.org/install.ps1'))) >$null 2>&1" && SET PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin*
* Hopefully that works fine. Then type ‘choco’ on your command line to see if everything is in place. If no weird looking, extremely brightly colored text with funny numbers show up, we are good to go. If you get a warning, this is fine.

1. **Command Line Tools 2**

Run these codes on your command line.

* + ***choco install wget***

***>> Select '1'***

***If you get an AntiVirus Warning, Just click on 'Add Exclusion' Below the warning.***

* + ***'tree' package comes pre-installed on most windows machines.***
  + ***choco install git***

***>> Select '1'***

* + ***choco install curl***

***>> Select '1'***

1. **Installing Git on Windows:** On windows, you can install git bash, which is a command line tool on windows for running basic unix commands and some mostly related to github version control. To do this go to <https://github.com/git-for-windows/git/releases/download/v2.6.1.windows.1/Git-2.6.1-32-bit.exe>

You should have a shell icon on your desktop ‘Git’. If not, navigate to your command prompt and search manually for ‘Git’, right click and select create desktop shortcut.

1. **Editor Tools**

Install Coding Editor Sublime Text

* + [***Sublime Text for Windows***](http://c758482.r82.cf2.rackcdn.com/Sublime%20Text%202.0.2%20x64%20Setup.exe)

TIP: Use a single sign in email address for howcloud and github.