**How to use GitHub with Windows Command-Line**

Set 2E COMM2212

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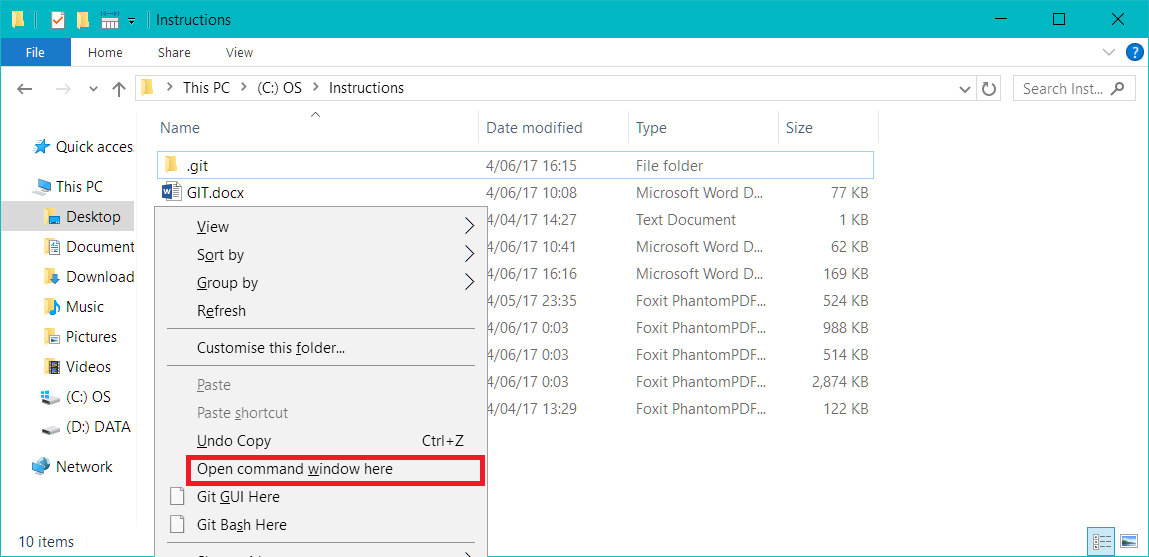
# Introduction

# Instructions

## Instruction 1: How to Setup a GitHub Repository

### Opening Git from Command-Line

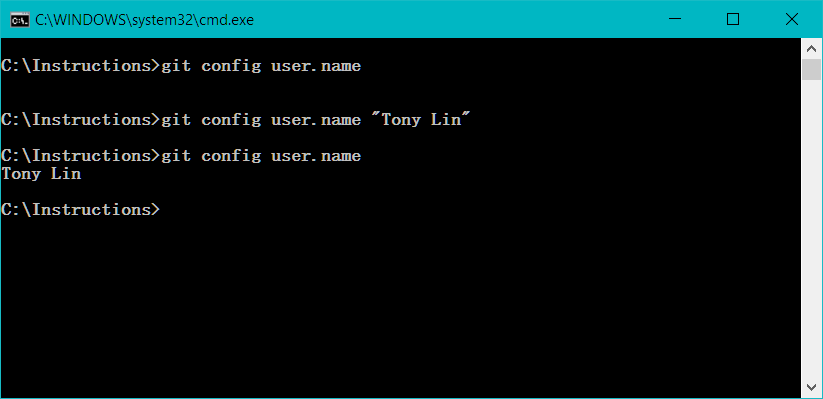
You will perform most of the instructions using the Windows Command-Line. The Windows Command-Line is a text-based user interface where commands are typed into a console.

1. Go to the root folder of the local computer’s repository.
2. SHIFT + RIGHT-CLICK the repository folder and click on Open-up the command-line window through pressing SHIFT + RIGHT-CLICK in the repository. 
3. A black and whit

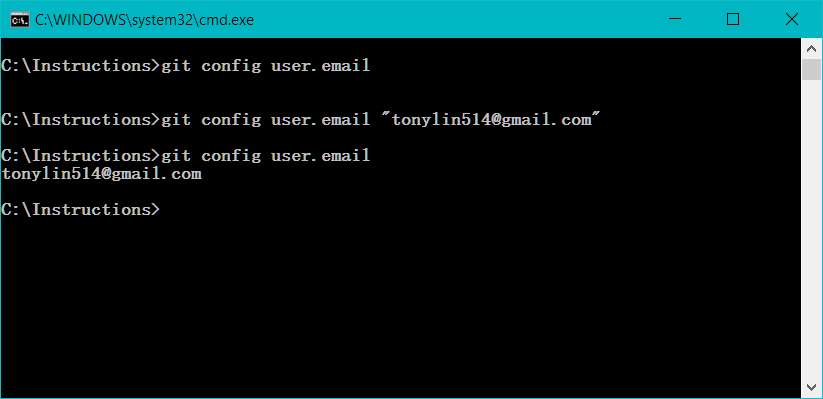
### Setting your GitHub account to the repository

This allows GitHub users to commit changes to the repository, and helps identified which user made a commit. Without this, you would not be able to contribute to certain repository.

1. Go to the root folder of the repository and Open command window here.
2. Type in git config user.name to see the current username set for the repository.



1. If none exist, type in git config user.name “Firstname Lastname” to set the contributor’s name or git config --global user.name “Firstname LastName” to set it for all and future repositories.
2. Type in git config user.email to see the current GitHub account set for the repository.



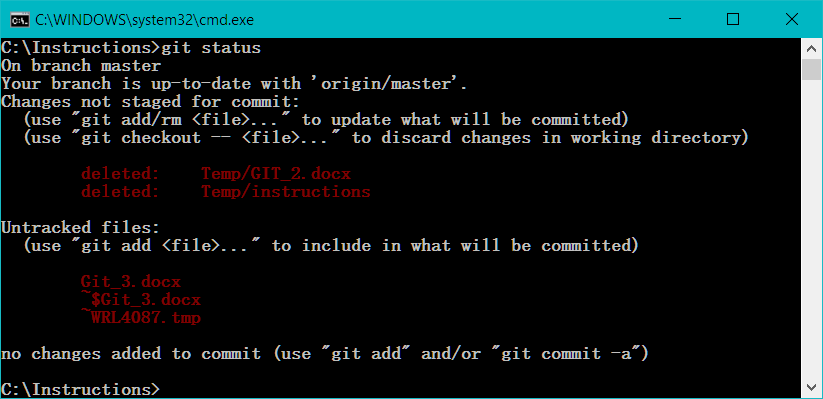
1. If none exist, type in git config user.email “email” to set the contributor’s GitHub account or git config --global user.email “email” to set it for all and future repositories.

## Instruction 2: Modifying the Repository

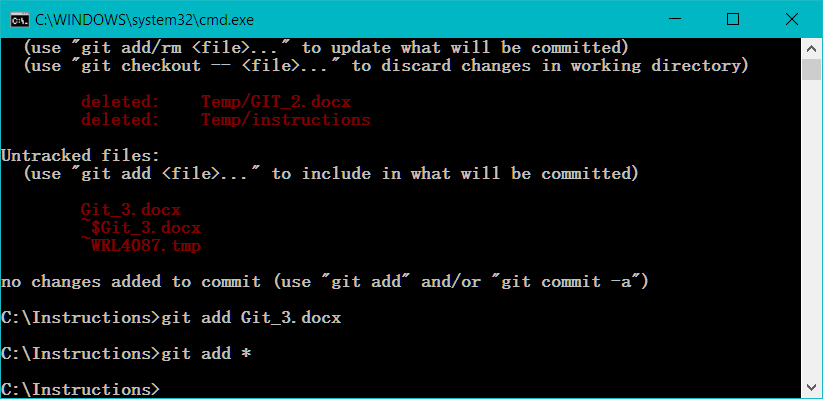
### Adding, Updating, and Removing files from Repository

You can modify your master repository on GitHub through synchronizing your local computer’s repository. This will change the online master repository’s files by adding, removing, or replacing the files.

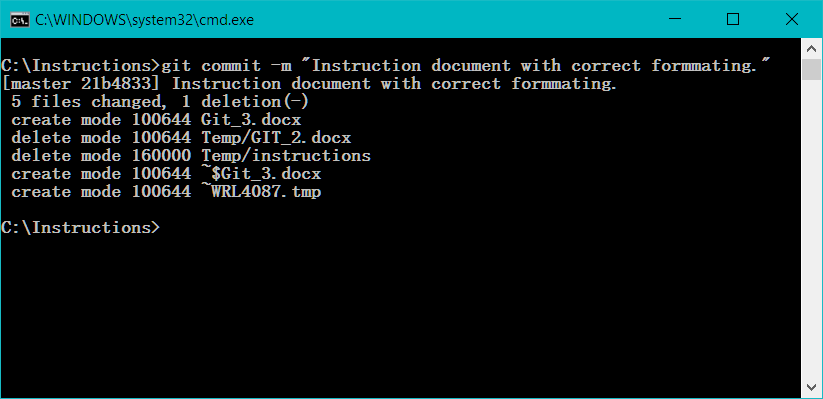
1. Add, remove, or update files in the repository.
2. Go to the root folder of the repository and Open command window here.
3. Type in git status to see the modified files in your repository.



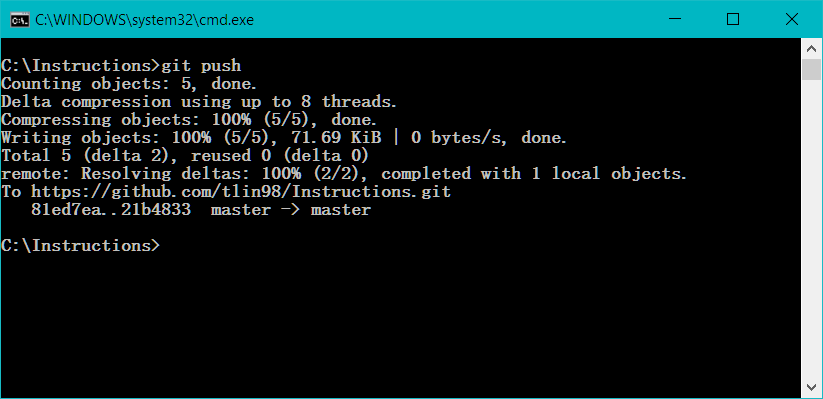
1. Type in git add [FILENAME] to add changed files to be placed on a stage. Type git add \* to add all modified files.



1. Type in git commit -m “[comments]” to “set” the files on the stage and to add a comment about these changed files.



1. Type in git push and wait a few seconds for files to upload to online repository.



## Instruction 3: Including Collaborators to the Repository

# Glossary

GitHub

Repository

Version Control

Contributor

Root

Add

Push

Pull

Commit

Stage

Origin

Clone

# Troubleshooting Guide

## I made a commit but was directed to a colourful message editor.