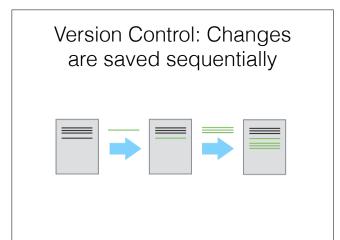
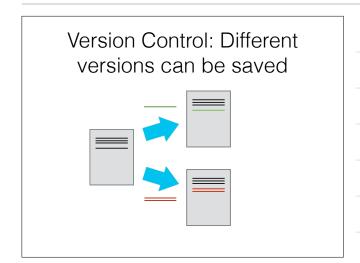
Version Control with Git	
Introducing Version Control	
Learning Objectives Understand the benefits of an automated version control system. Understand the basics of how Git works.	











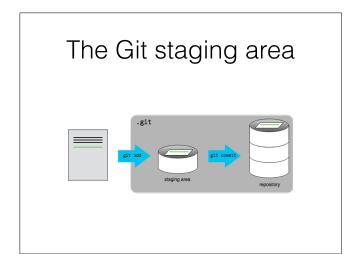
2. Setting up Git

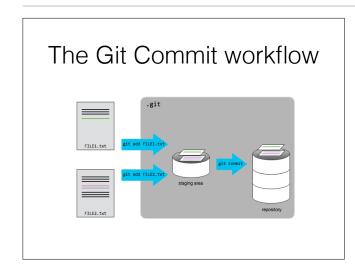
Learning Objectives

Configure Git for the first time

Understand the meaning of the **-global** configuration flag

3. Creating a repository	
Create a local (on your computer) Git repository	
4. Tracking changes	
Learning Objectives	
Go through the modify-add-commit cycle for	
single and multiple files. Explain where information is stored at each	
single and multiple files. Explain where information is stored at each stage of Git commit workflow.	
Explain where information is stored at each	





Activity:

Create a new Git repository on your computer called **bio**. Write a three-line biography for yourself in a file called **me.txt**, commit your changes, then modify one line, add a fourth line, and display the differences between its updated state and its original state.

5. Exploring the History

Learning Objectives

Identify and use Git commit numbers.

Compare various versions of tracked files.

Restore old versions of files.

