

Full Stack Developer
FSD-10

Foundations of Web Development
420-WA5-AB

May 30, 2023

Agenda – Class 10


Agenda:

1. Reminder – Excel Lab Assignment 2 – Due today
2. Presenting photo editing – Class 9 Activity
3. PowerPoint slides file 14-2
4. Introduction to Git, GitHub, and AzureDevOps
5. PowerPoint Group Activity
6. Exit Quiz

Presenting photo editing – Class 9 Activity

- Continue presenting

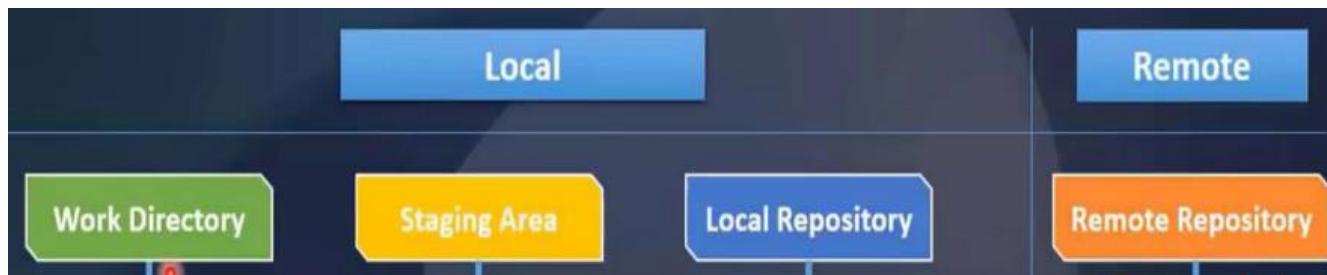
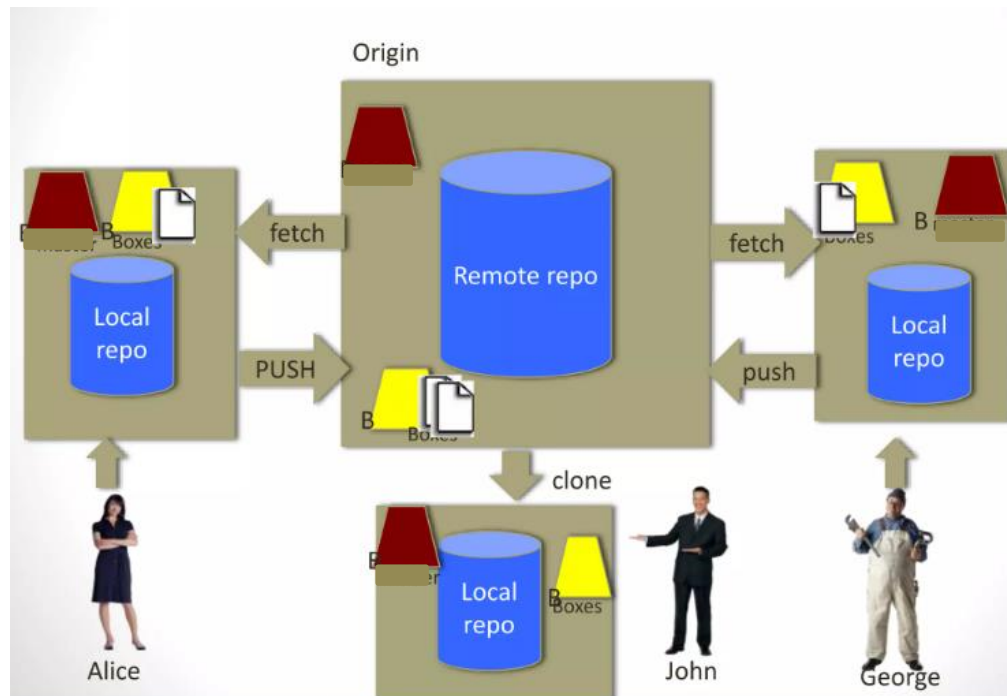
Class 9 Activity



- Take your picture.
- Use any photo editing (such as Word) to remove the background.
 - Save the picture as a png file.
- Open a Blank Presentation.
Click the New Slide Button arrow in the Slides group.
Click the Two Content Layout
- Determine a Restaurant Name for the title slide
- On the 2nd slide, place your image and a photo or video (max 15 seconds) to describe your restaurant. Name the file PPTX.pptx (X = your number)
- Upload your PowerPoint to the Folder on Teams for the Class9_Activity.
- Place your Restaurant name in the Class9_StudentList
 - Presentations

- PowerPoint Slides 14-2

Introduction to Git, GitHub, and AzureDevOps



Introduction to Git, GitHub, and AzureDevOps

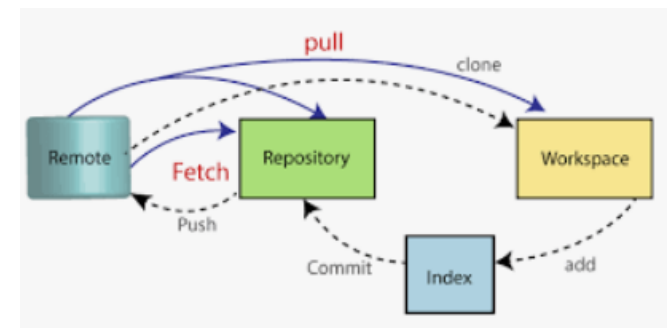
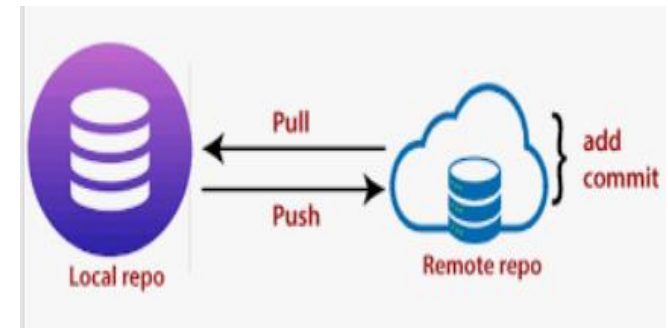
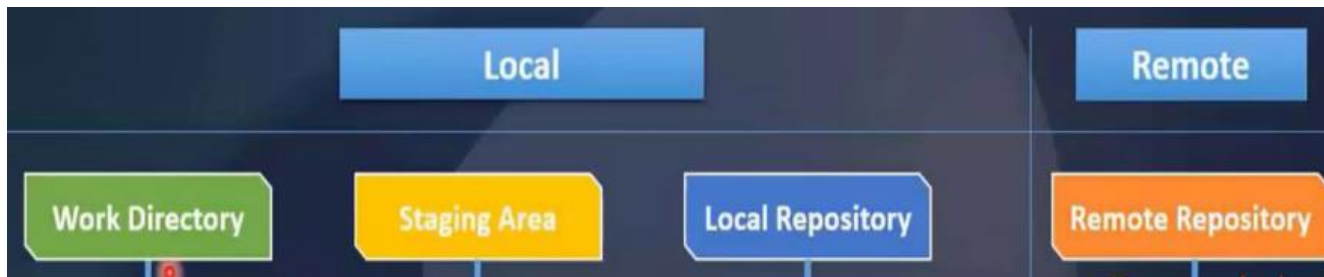
What is git?

- Open source project originally developed in 2005 by Linus Torvalds
- A command line utility
- You can imagine **git** as something that sits on top of your file system and manipulates files.
- A distributed version control system - **DCVS**

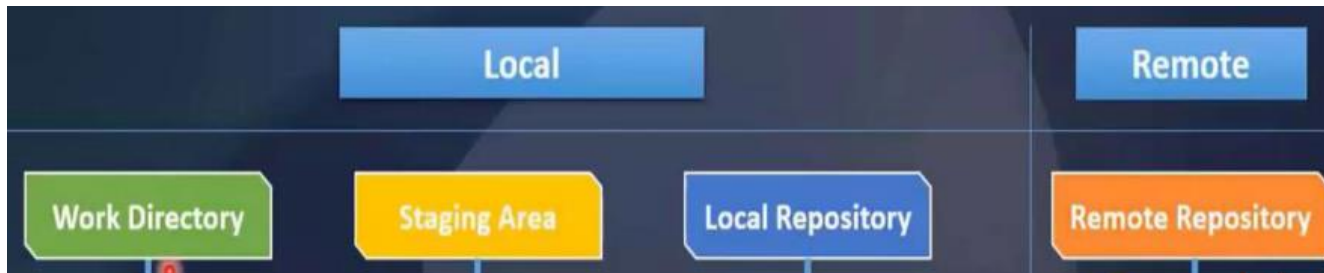
What is “distributed version control system” ?

- **Version control system** is a system that records changes to a file or set of files over time so that you can recall specific versions later
- **Distributed** means that there is no main server and all of the full history of the project is available once you cloned the project.

Introduction to Git, GitHub, and AzureDevOps



Introduction to Git, GitHub, and AzureDevOps



The three steps of git

- **Introduce a change:** introduce a change to a file that is being tracked by git
- **Add the actual change to staging area:** Add the change you actually want using “git add”
- **Commit:** Commit the change that has been added using git commit

Git Commands

git init	Transform a folder to use git
git clone	Clone/download a repository
git log	Show the history/evolution of the files
git status	Status of files in the folder – files modified
git add	Stage the changed files
git commit	Commit the changes to the folder (message/comment)
git push	Push the commits to sync with the remote repository
git pull	Pull the remote repository to the local folder
git --version	Display version of git

Getting started with Git

1. Install Git

<https://git-scm.com/downloads>



2. Using Windows command

- dir
- cd
- md
- git --version

```
Command Prompt
E:\>git --version
git version 2.40.0.windows.1
E:\>
```

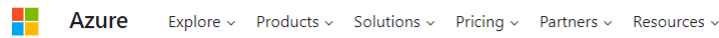
3. Using PowerShell

- ls
- git --version

```
Windows PowerShell
PS E:\> git --version
git version 2.40.0.windows.1
PS E:\>
```

Getting started with GitHub or Azure DevOps

- Microsoft Azure DevOps
- Start free



Azure DevOps

Plan smarter, collaborate better, and ship faster with a set of modern dev services.

Start free

Start free with GitHub

- Login using your Johnabbott student account
- Invitation to a project – or create a project
- Clone url
- Make changes to a file or copy files into the local repo

- 3 steps

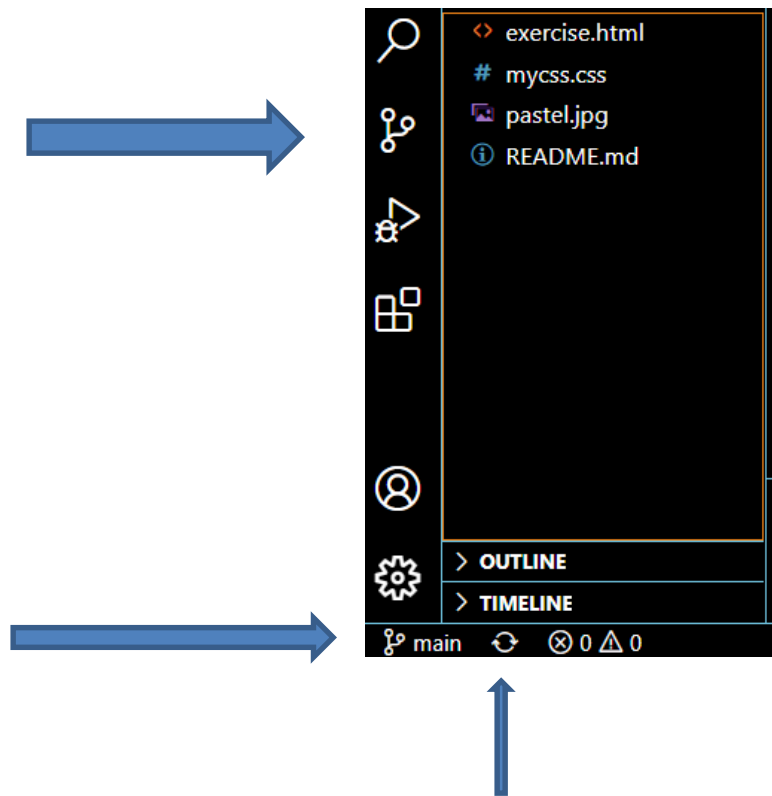
stage	git add .
commit	git commit –m “message about changes”
sync	git push

- Daily, or as needed, to get most recent remote repository

git pull

Getting started with GitHub or Azure DevOps

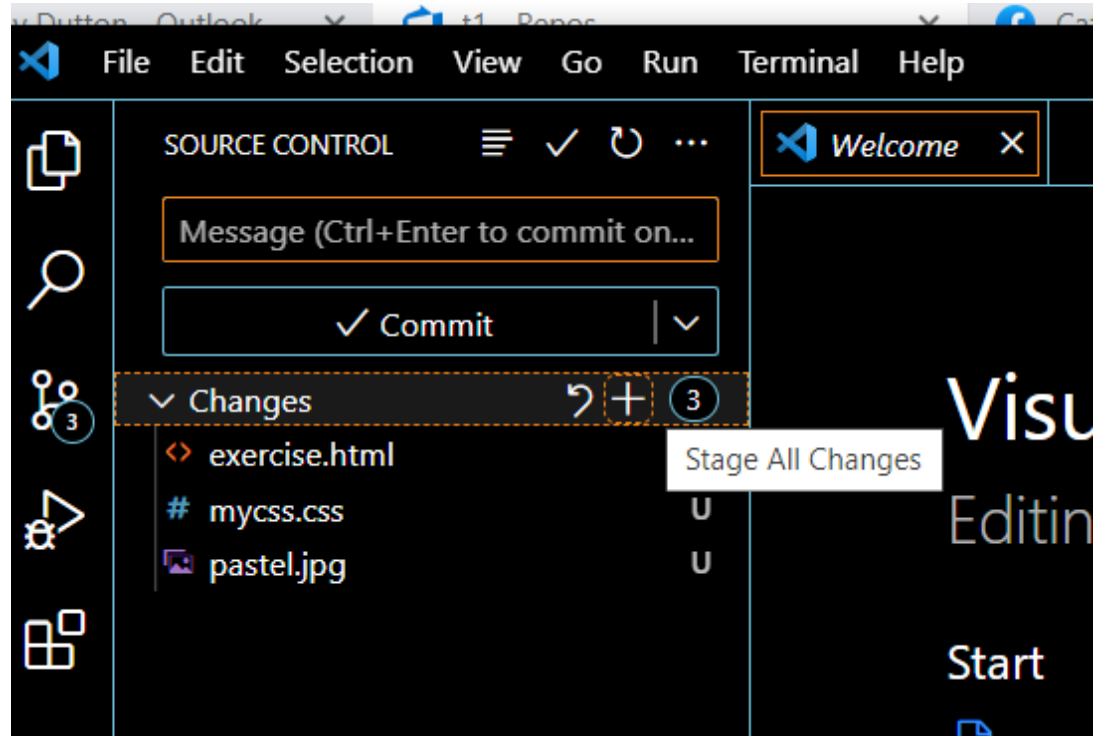
- Git with Visual Studio Code



Getting started with GitHub or Azure DevOps

- Git with Visual Studio Code
- Make changes to a file or copy files into the local repo
- 3 steps

Stage	
Commit	<div>Message (Ctrl</div> <div>✓ Commit</div>
Sync	



PowerPoint Group Activity

1. Socrative Restaurant survey to select 4 restaurants. (Room 6118)
2. Follow the group activity instructions (one team will have 2 chefs and an extra menu slide)

- 1) In your Meeting Room, review 14-2.pptx in Slide Show view.
- 2) Discuss the restaurant and prepare a presentation to describe the restaurant to the class.
- 3) Select a team member to share their screen and do the initial PowerPoint setup.

Open a Blank Presentation.

Click the New Slide Button arrow in the Slides group.

Click the Two Content Layout.

Click the New Slide button to add 3 more two-content layout slides (5 slides total).

Complete the title slide with the Restaurant Name and the Meeting Room number.

From the Design tab, select **a theme**. Change the theme colours, if needed.

Save the presentation as Restaurant.pptx. Add this ~~pptx~~ file to the Files in your Meeting Room.

4) Divide the tasks of creating the content for the slides

Role 1 - The server

Slide 1. **Title slide** (already created)

Role 2 - The restaurant owner

Slide 2. **Description** (describe the background of the restaurant, the location, restaurant hours)

Role 3 - The restaurant manager

Slide 3. **Who Are We**

(Use VISIO to prepare an organization chart showing the restaurant personnel and their job titles - Owner, chef, accountant, manager, server)

Role 4 - The chef

Slide 4. **The menu - images of the specialty dishes**

Role 5 - The accountant

Slide 5. **The restaurant costs and sales from the past six months (shown in an Excel chart)**

- 5) Role 1 will coordinate putting the slides together.

3. Group presentation

Exit Quiz

❖ Exit Quiz

<https://b.socrative.com/login/student/>

Room name 6118

Question 3: List the 4 restaurants in order of your preference?

3 of 3

Please answer the teacher's question.

Enter Answer Here

SUBMIT ANSWER

Reminder: Excel Lab Assignment is due today