

2_Git-1: Git-GitHub Introduction ASYNC (1 Hour)

Learning Objectives	<ul style="list-style-type: none">• Explain How to use Git and GitHub
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Time	Activity
(3 min)	OPENING
(45 min)	CONTENT
(10 min)	DEBRIEF
(2 min)	CLOSING

OPENING (3 min)

Activity Type	Reading
Framing Text	<p>Welcome to this session about Version Control and Git basics</p> <p>In this section you will be able to understand Version Control System in general and Git and Github in particular by practice. You have to complete all the given tasks.</p> <p>By the end of this session, you will be able to:</p> <ul style="list-style-type: none">• Understand VCS in practical way• Create and cloning repositories and adding new files to them• Making changes in the existing code• Checking track of the changes made in a repository
Assets	<ul style="list-style-type: none">• n/a

CONTENT (45 min)

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Activity Type	Coding
Framing Text	<p>This will take you approximately 45 mins to complete.</p> <p>After completing it, you will return a text file containing URL of your repository for debrief.</p> <p>Complete:</p> <p>Happy learning!</p> <div><p>Note: Please reach out to instructors asking for help if you get stuck with understanding of questions</p></div>
Assets	<ul style="list-style-type: none">• Using your GitHub account, create a public repository named my-web-site and clone it to your local computer. Write a program that calculates a palindrome string in palindrome.js file and push it to your newly created repository with appropriate commit message.• You have changed your mind; you just don't want just a palindrome.js file in your repo. You want a website that takes values from user and calculates result and display the result on the screen. You have write HTML code in index.html and styling in style.css in your computer. Push these two file in the same my-web-site directory.• Make changes in palindrome.js file to also check if string entered by user is not greater than 10 characters. Make amendments in HTML, if required. Clone the repository and update your code on the repository with new changes. Once done, you should be able to track all the changes you have made in your repository.

DEBRIEF (15 min)

Activity Type:	Discussion Forum
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