



## 4. Welcome to Trailmix 0 – Information Technology Basics



Hello everyone! I hope all of you completed up to the **The Four Industrial Revolutions**. Let's complete the last module of Trailmix 1 i.e., **Git and GitHub Basics** today.

### Git and GitHub Basics:

It has 6 units and their corresponding quizzes. As this Module is quite important, do read through the content of the module before answering the quiz in each unit.

#### 1. [Learn Why Version Control Is Important for Team-Based Development](#)

Quiz:

1 Which of the following outcomes can be realized by teams who do not use version control?

- A Overwriting changes made by other users
- B Corruption of shared file servers
- C Deployment failures
- D Merge conflicts

2 How does version control ease the burden of collaboration among team members?

- A Maintaining regular backups of team member's laptops
- B Enforcing strict rules and processes on team members
- C Provides a one-size-fits-all solution for teams to collaborate
- D Provides a way to organize work from many team members

**QUIZ COMPLETE!**

**+100 points**



Git and GitHub Basics

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Next unit: [Learn Where GitHub Fits in the Development Lifecycle](#)

## 2. [Learn Where GitHub Fits in the Development Lifecycle](#)

Quiz:

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**1** What is the key relationship between Git and GitHub?

- A Git is a VCS. GitHub is a collaboration platform that is built on top of Git.
  - B GitHub is Git for teams.
  - C Git and GitHub are the same product, but with slightly different names based on whether you use it locally or through a web browser.
  - D GitHub is the graphical user interface for Git, but it has identical functionality.
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**2** Which of the following is considered an essential tool in the modern developer's toolkit?

- A A shared drive for maintaining backups of project versions
  - B A Flash drive for sharing files with team members
  - C Continuous integration
  - D A backup strategy for compiled versions of your project
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**QUIZ COMPLETE!**

**+100 points**



Git and GitHub Basics

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[Tackle the next unit](#)

### 3. Discover Collaboration within GitHub

Quiz:

1 Where can you view the files within a repository on GitHub?

A

Code tab

B

Issues tab

C

Pull Requests tab

D

Projects tab

2 Which account type is best suited for large, diverse teams with many projects?

A

Individual

B

Organization

C

Team

D

Administrator

**QUIZ COMPLETE!**

**+100 points**



Git and GitHub Basics

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Next unit: [Work with the GitHub Workflow](#)

#### 4. Work with the GitHub Workflow

Quiz:

**1** What is the first step of the GitHub flow?

- A Merging
- B Committing
- C Branching
- D Cloning

**2** Which of the following commands is used to synchronize the remote and local working environments?

- A git pull
- B git merge
- C git status
- D git commit

**QUIZ COMPLETE!**

**+100 points**



Git and GitHub Basics

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Next unit: [Work with Teams in GitHub](#)

## 5. [Work with Teams in GitHub](#)

Quiz:

**1** Typically, how long should branches exist?

- A It doesn't matter.
- B Shorter is better all the time.
- C Shorter is best, but long-lived branches may be appropriate in some cases.
- D Long-living branches are better for small teams.

**2** What is the right amount of change to include in a commit?

- A About 2 hours' worth of work
- B All of the changes necessary to implement the requested feature
- C A single line of code
- D Enough for a small, logical unit of change

**QUIZ COMPLETE!**

**+100 points**



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Next unit: [Work with Your History in Git](#)

## 6. Work with Your History in Git

Quiz:

1 What command safely undoes a change at any point in a repository's history?

A git reset --soft

B git commit --amend

C git revert

D git rebase

2 How is rebase used in relation to a merge?

A A rebase is the same as a merge.

B A rebase lets you move from a fast-forward to a recursive merge scenario.

C A rebase enables you to move from a recursive to a fast-forward merge scenario.

D A rebase lets you select the merge strategy you would like to use.

**QUIZ COMPLETE!**

**+100 points**



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100%

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Congratulations! You earned your **Sixth badge** in today's journey by completing **Git and GitHub Basics**.



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Git and GitHub Basics



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By now, you should have collected all the above badges. ☺

This marks the end of **Trailmix 0**. This trailmix helped us get familiar with the industry, ecosystem & terminology.

But from now on, we will start the true beginning of Journey2Salesforce where we will be starting the **Trailmix 1**. In **Trailmix 1**, we will start learning the basics of CRM and Salesforce, and start building our first app.

## Get Ready: [\*\*Trailmix 1 - Fundamentals of Salesforce\*\*](#)

Try to Complete upto here.

See you soon 🔥