



Microsoft Build

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//build/



A Classroom in the Cloud:

Coding with Friends on GitHub

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How do you collaborate with others on the same code or files?

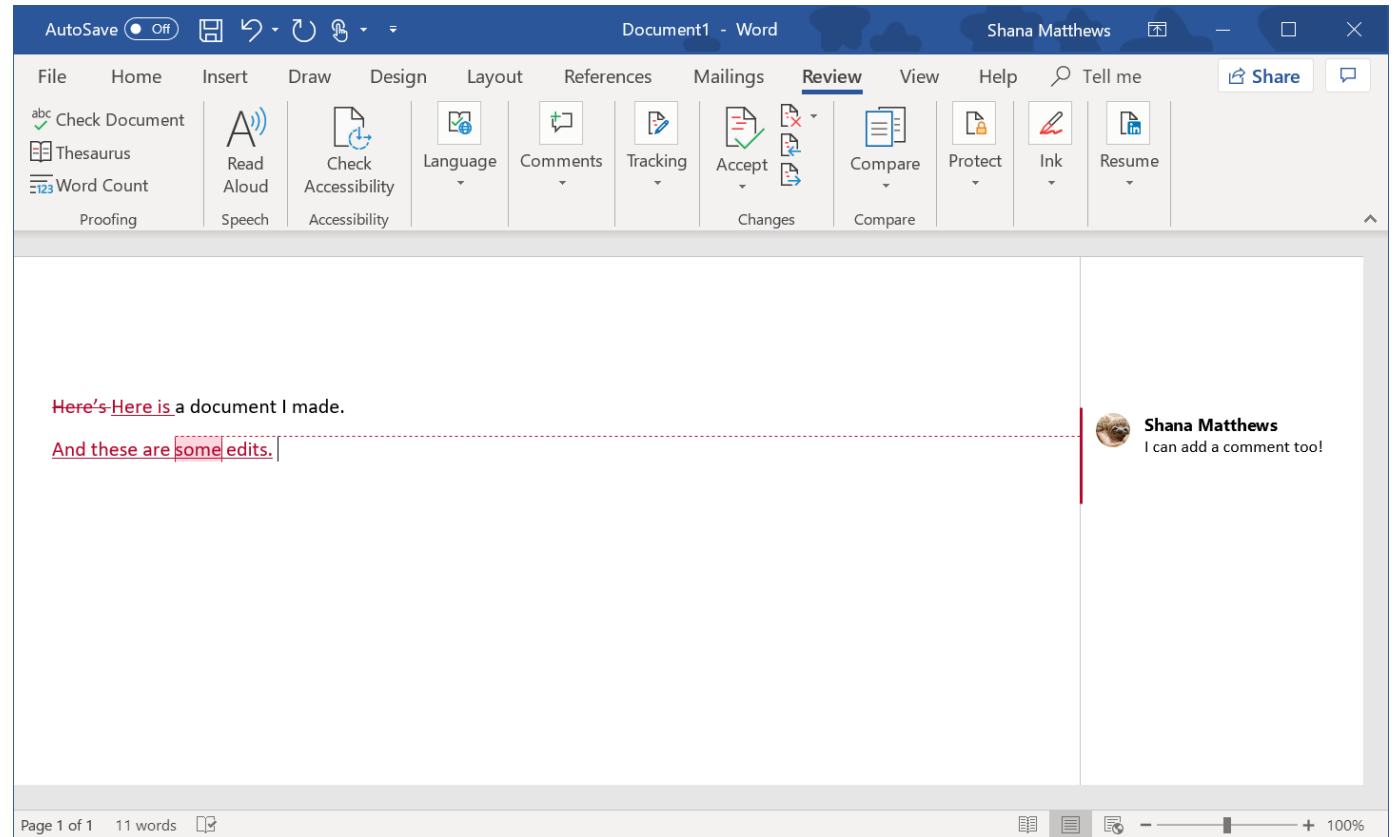


Source control

Keep track of what changes have been made, when, and by whom

Like “track changes” in Word

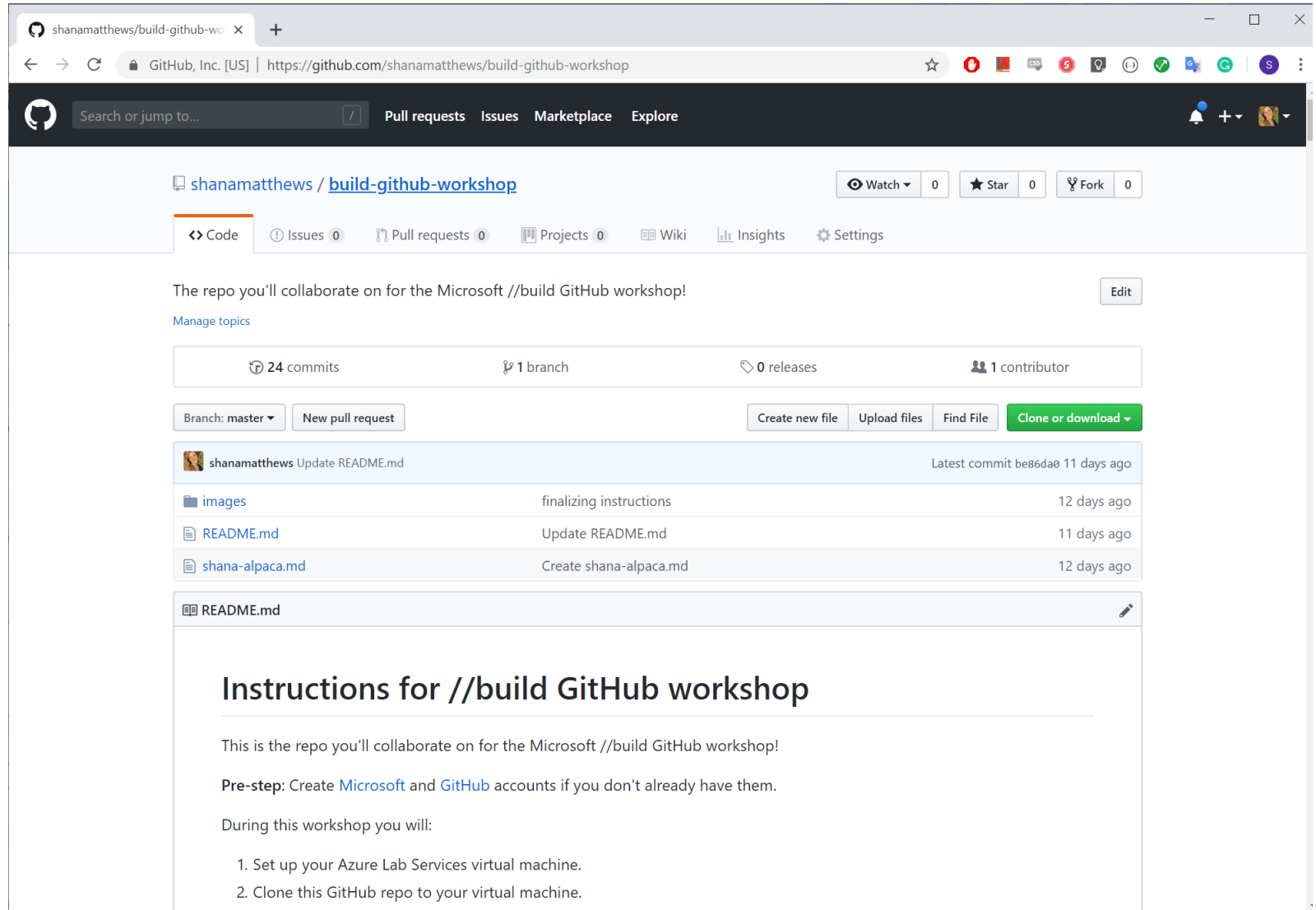
Invented for code,
useful for many file types.



What is GitHub?

Source control

+ more



The screenshot shows a web browser displaying the GitHub repository page for `shanammatthews/build-github-workshop`. The browser's address bar shows the URL `https://github.com/shanammatthews/build-github-workshop`. The GitHub interface includes a search bar, navigation links for Pull requests, Issues, Marketplace, and Explore, and a user profile icon. The repository page features a header with the repository name, a description, and statistics (0 Watch, 0 Star, 0 Fork). Below the header, there are tabs for Code, Issues, Pull requests, Projects, Wiki, Insights, and Settings. The main content area displays the repository's description, a list of commits (24 commits, 1 branch, 0 releases, 1 contributor), and a table of files. The files table lists `images` (finalizing instructions, 12 days ago), `README.md` (Update README.md, 11 days ago), and `shana-alpaca.md` (Create shana-alpaca.md, 12 days ago). Below the files table, the `README.md` file is selected, showing its content. The README content includes the title "Instructions for //build GitHub workshop", a description, and a list of steps for setting up the workshop.

shanammatthews / [build-github-workshop](#) Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

The repo you'll collaborate on for the Microsoft //build GitHub workshop! Edit

[Manage topics](#)

24 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find File Clone or download

shanammatthews Update README.md	Latest commit be86da0 11 days ago
images	finalizing instructions 12 days ago
README.md	Update README.md 11 days ago
shana-alpaca.md	Create shana-alpaca.md 12 days ago

README.md

Instructions for //build GitHub workshop

This is the repo you'll collaborate on for the Microsoft //build GitHub workshop!

Pre-step: Create [Microsoft](#) and [GitHub](#) accounts if you don't already have them.

During this workshop you will:

1. Set up your Azure Lab Services virtual machine.
2. Clone this GitHub repo to your virtual machine.

Terminology

Repo – main “folder”

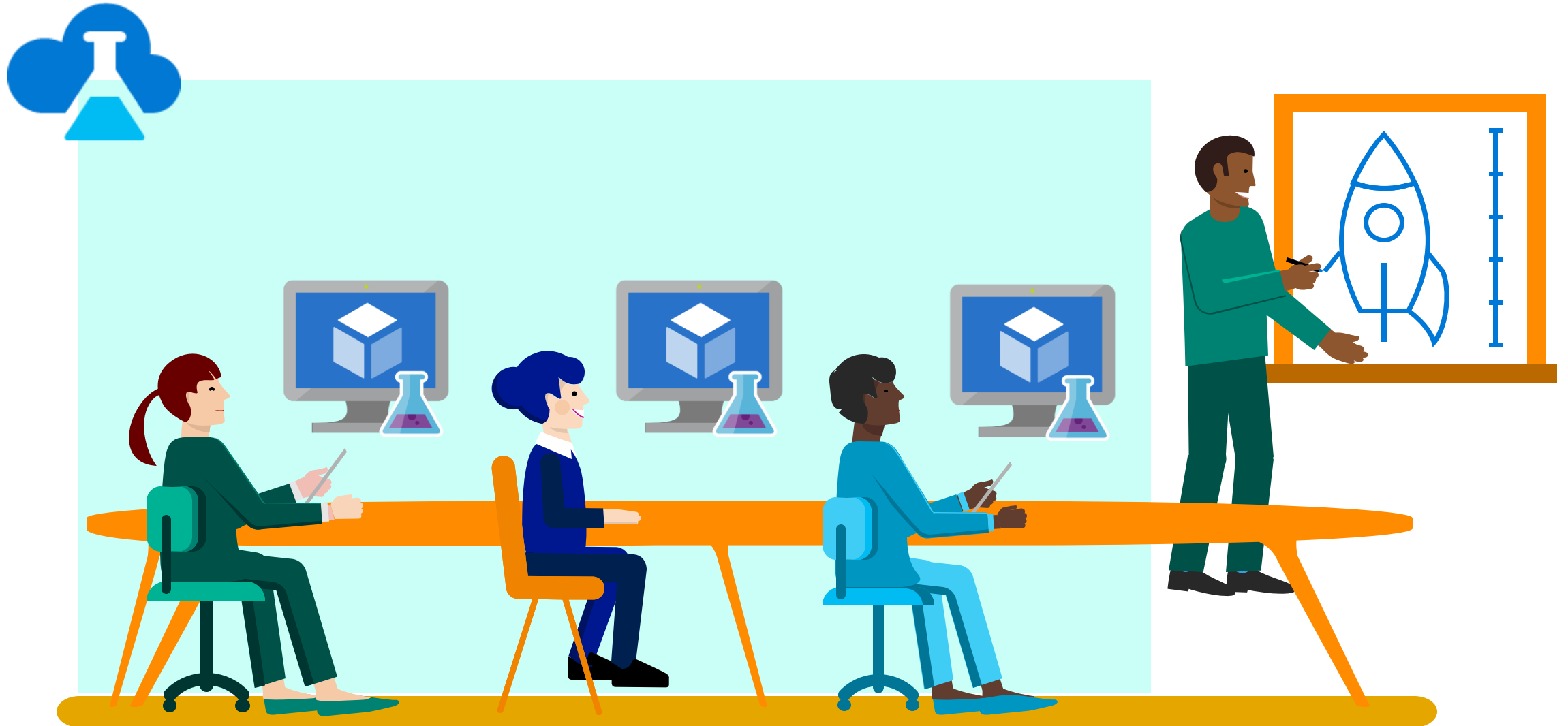
Clone – copy

Commit – save

Push – share

Pull request – ask someone to add your code to their repo

Virtual computer lab in the cloud



Step 1: Sign in to this workshop lab

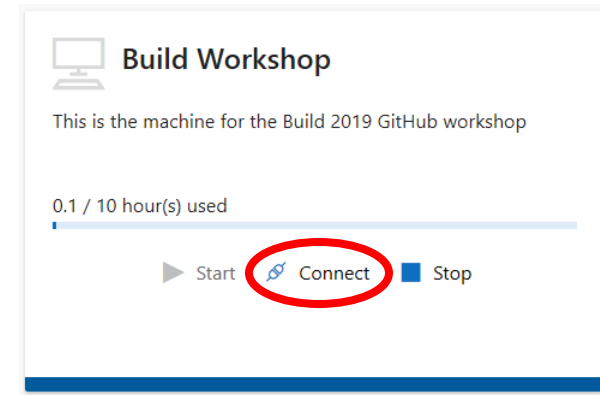
Type this link into your browser:

<https://labs.azure.com/register/6fzetc1m>

Use your Microsoft account to sign in.

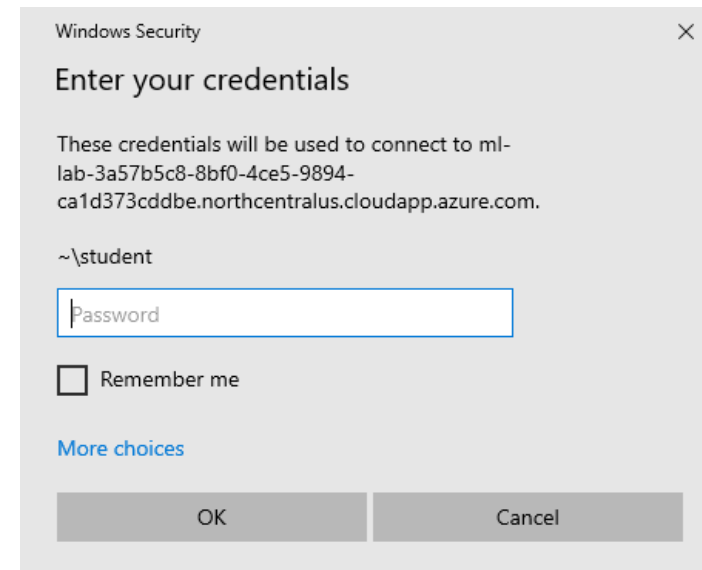
Step 2: Connect to your virtual machine

Click on the Connect button.

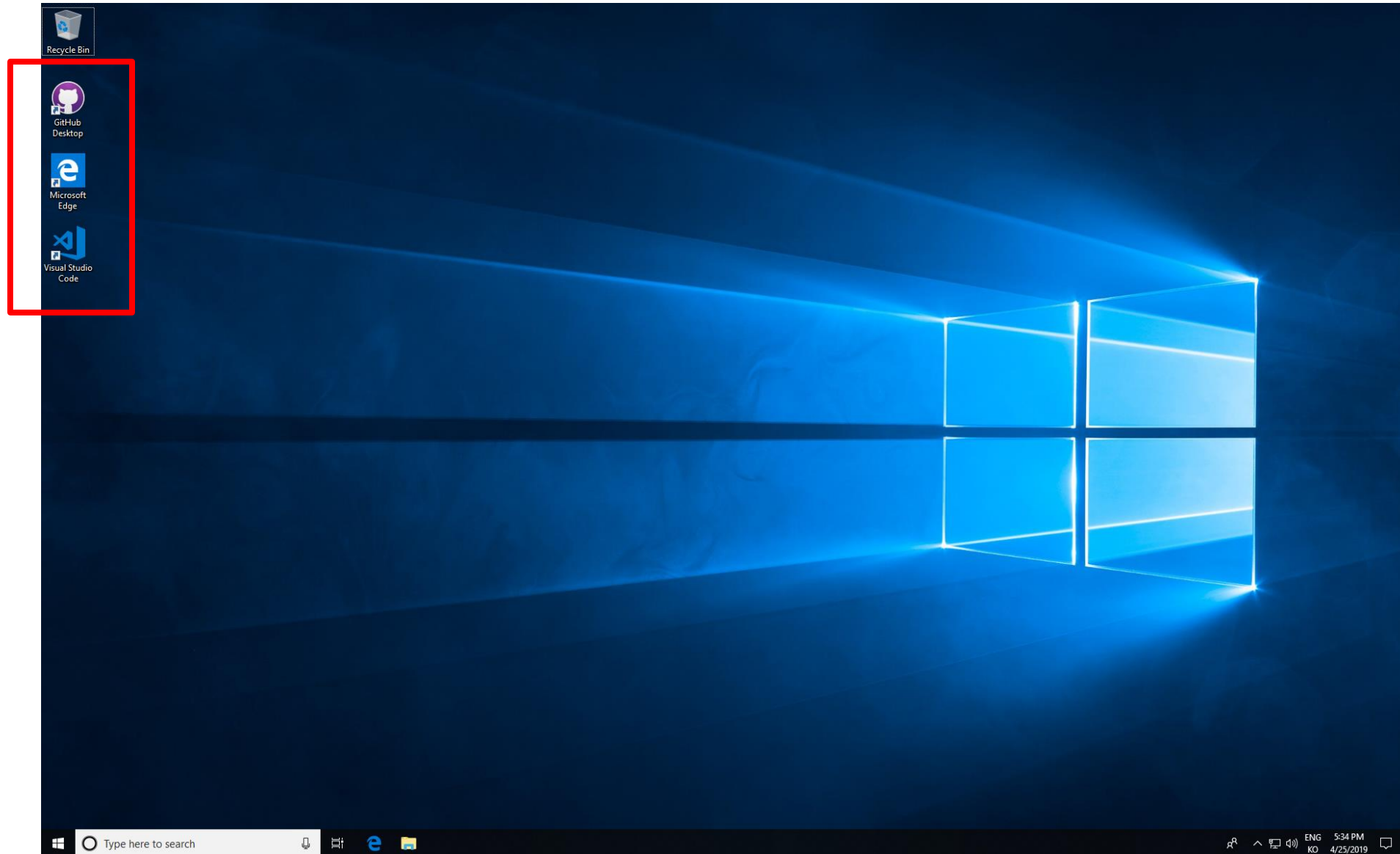


Type in this password:

Build2019!



This is what you should see:



You're ready!

Your mission, should you choose to accept it:

Use GitHub for the first time by

- **Cloning** a repo
- **Committing** your own new file
- And **pushing** your changes for your friends to see



Last of all...

Take the feedback survey



You get 10 hours on your virtual machine until tomorrow!

Try out these things:

- read other student responses
- make a change to your response to add what you've liked best so far
- clone another repo you like

