



# Hacktober fest

**Hacktoberfest: Practical Guide for Git  
and Open Source**

**Wednesday 20th Oct'21 | 7PM | GoogleMeet**



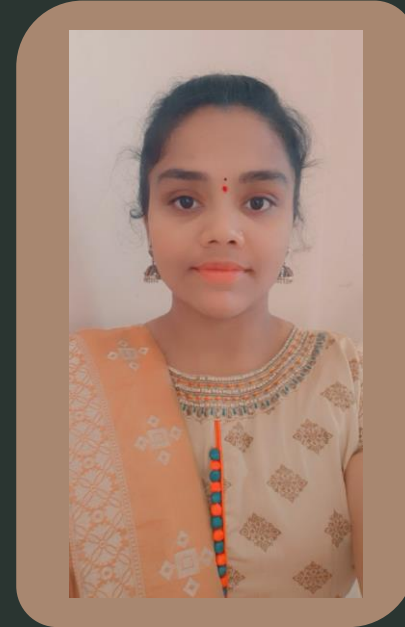
**Google Developer Student Clubs**  
G. Narayanamma Institute of Technology & Science

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# What will we cover?

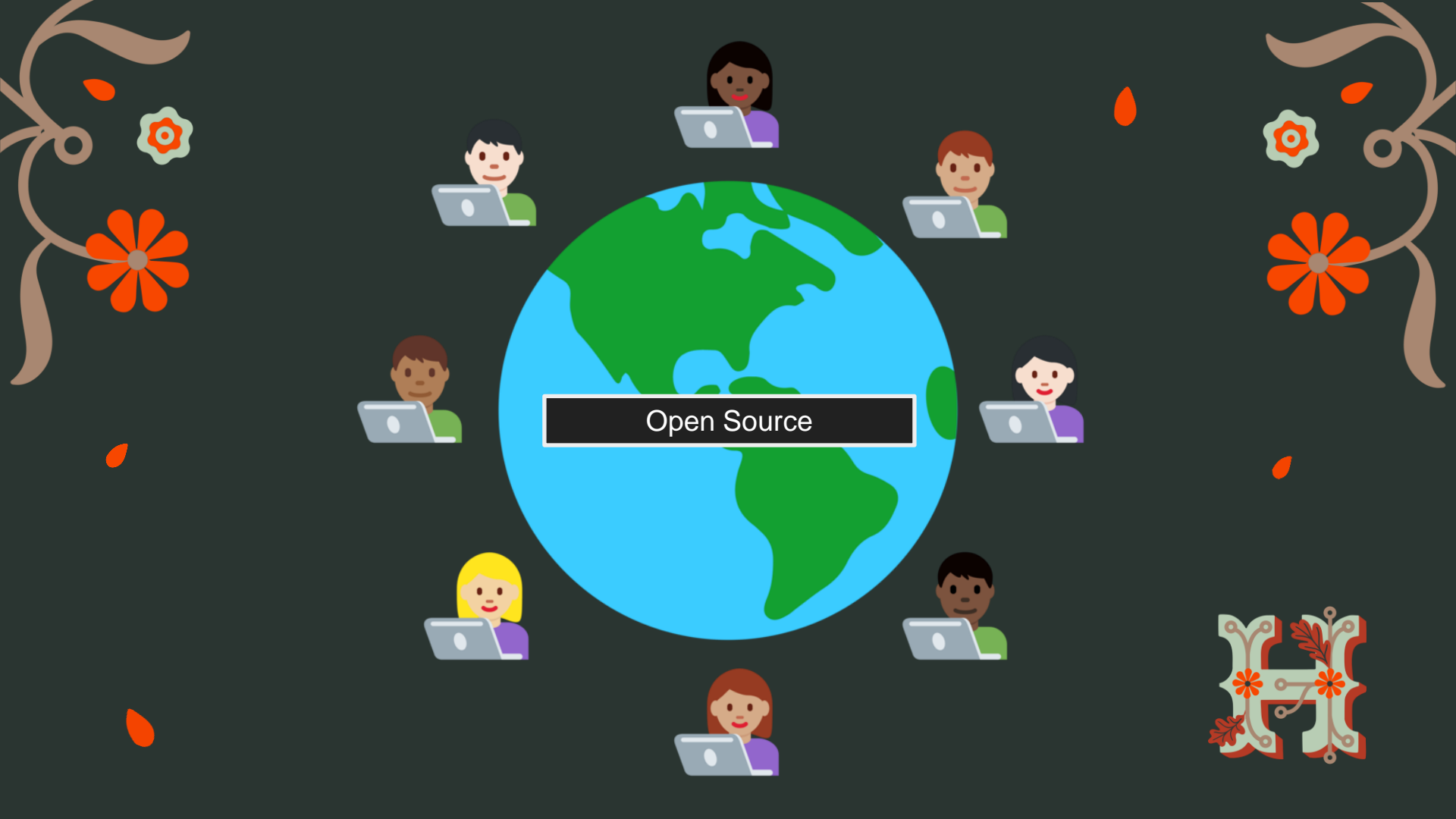
- Introduction to Open source, and Hacktoberfest 2021
- Introduction to Git and Github
- Github Commands and how to use Github
- Hands-on experience in making your first open-source contribution
- Criteria for gaining an exclusive T-shirt from Hacktoberfest
- Summary
- QnA



# Introduction to Open Source

- What does Open Source contribution mean?
- How to get started with contributions ?
- How does open source help in boosting your profile ?





Open Source

**WHO** is  
Hacktoberfest  
for?





## Maintainer

Maintains an open  
source project



## Beginner

Never made a pull  
request before /  
New to tech in  
general.



## Contributor

Already contributes  
to open source /  
works in a tech role.



The top corners of the slide are decorated with stylized floral motifs. On the left, a brown vine curves upwards, featuring a large orange flower, a smaller white flower with an orange center, and several orange petals scattered around. A similar design is on the right. The background is a solid dark grey.

# Let us make our 1<sup>st</sup> PR

Hands-on session ...





# Introduction to Git and Github commands

- Git is an open source version control system that works locally to help developers work together on software projects that matter.

## Initializing

( Starting up Git within a project and getting it connected. )

- `git init`  
Initializes (or starts) your current working directory (folder) as a Git repository (repo).
- `git clone https://www.github.com/username/repo-name`  
Copies an existing Git repo hosted remotely.
- `git remote or git remote -v`  
Shows your current Git directory's remote repo. Use the -v flag for more info.
- `git remote add upstream https://www.github.com/username/repo-name`  
Adds the Git upstream to a URL.

Other commands in cheatsheet...



# Criteria for gaining exclusive T-shirt from Hactoberfest

Make **4** valid PRs and get them merged



# Links of repos for making valid PRs

- [https://github.com/AviSharmaaa/Hacktoberfest\\_2021](https://github.com/AviSharmaaa/Hacktoberfest_2021)
- <https://github.com/kanak22/CP-DSA-Questions>
- <https://github.com/PraSarOG/Hacktoberfest-21>
- <https://github.com/jp9573/LeetCode-Solutions>
- <https://github.com/Kavya-24/Snippets>
- <https://github.com/aashimawadhwa/Active-Repositories-for-hacktoberfest>

## Resources

- <https://hacktoberfest.digitalocean.com/event-organizer-kit>
- <https://github.com/>
- <https://hacktoberfest.digitalocean.com/>



Q and A



Thanks for listening!

# Hacktober 20 fest 21

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