

[mu-enigma.org](https://mu-enigma.org)

**Enigma**  
The Computer Science Club  
Mahindra University



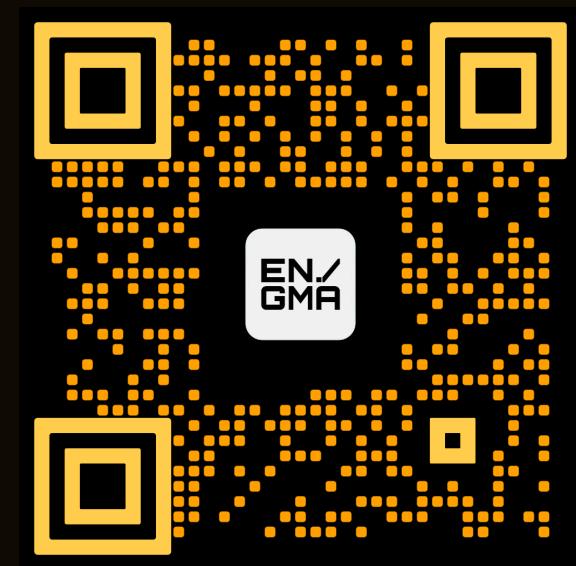
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**Hacktober '24**

Open Source,  git tutorial, certifications, goodies, and more!



Visit [mu-enigma.org](https://mu-enigma.org)



 **Enigma**

About Us   What We Do   Meet The Team   FAQ

 GitHub 

**Live Hacktoberfest 2024 Hacktoberfest 2024** [Find out more](#)

# We are Enigma

## We are Computer Science

Enigma, the official Computer Science club of Mahindra University.

[About Us](#) [Join us on Discord](#) 

 **Rick Astley**  
@never\_gonna\_give\_you\_up

Join Enigma! It'll never give you up.

**Skill Development**  
Workshops, projects and challenges to enhance your skills and meet new people.

[Find out more](#)

- ✓ Collaborative Projects
- ✓ Hackathons
- ✓ Special Committees

 **Follow us on socials**

We are everywhere, really! Find us on the following socials and never miss an update, we share sign-up forms, flash announcements and more

 **Creativity**

Collaborate with like-minded individuals and bring your ideas to life.



We are Enigma.

The Computer Science Club @  
Mahindra University

# Overview

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*Goodies!*

Join our Discord Server!

We have a new Hacktober24 forum post in #events for you guys where you can ask doubts, find help for the challenges, etc. You can also casually chat around in the general channels!





# What's HACKTOBER ? FEST

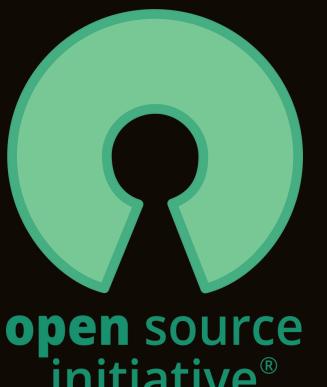
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- A month long celebration of all things open-source, and making meaningful code contributions.
  - Hosted by  DigitalOcean, with love and care for the world!



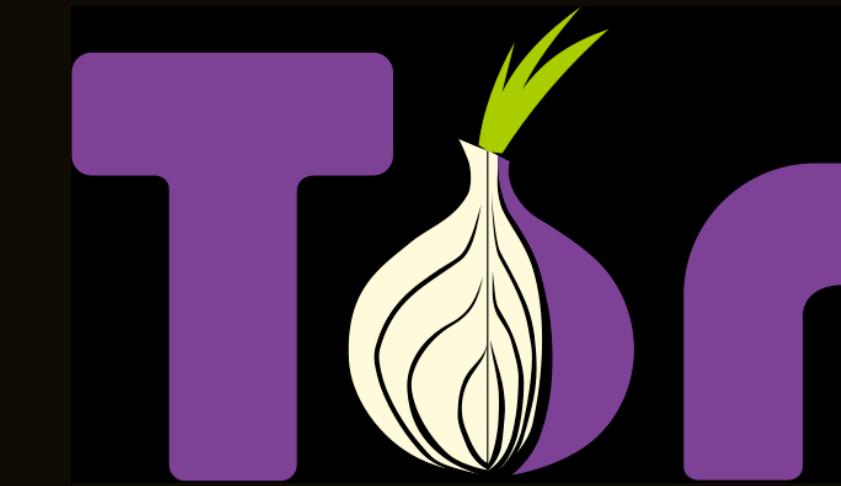
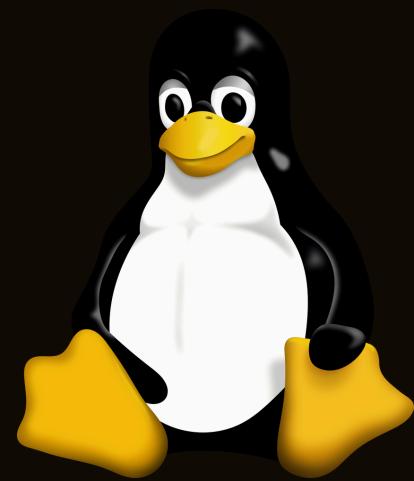
# Open Source, open sauce

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- Software that let's you **read/modify it's code**
- Contributions from many people, not just big companies
- Leads to better code, as everyone can see and improve it
- Better user privacy, lower costs and less *sus* software
- For a more *stricter* definition of open source, go to **[opensource.org/osd](https://opensource.org/osd)**

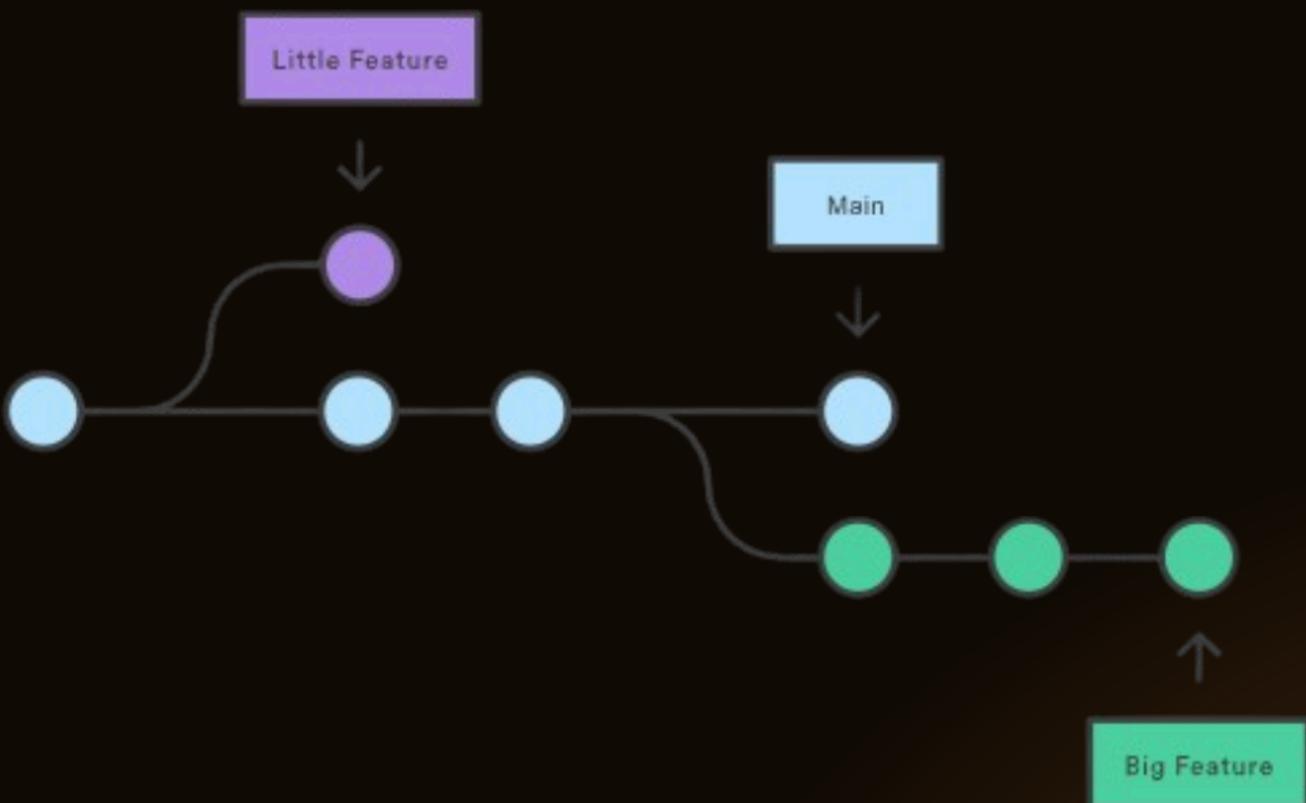


# Famous and influential Open Source Projects



# What is git ?

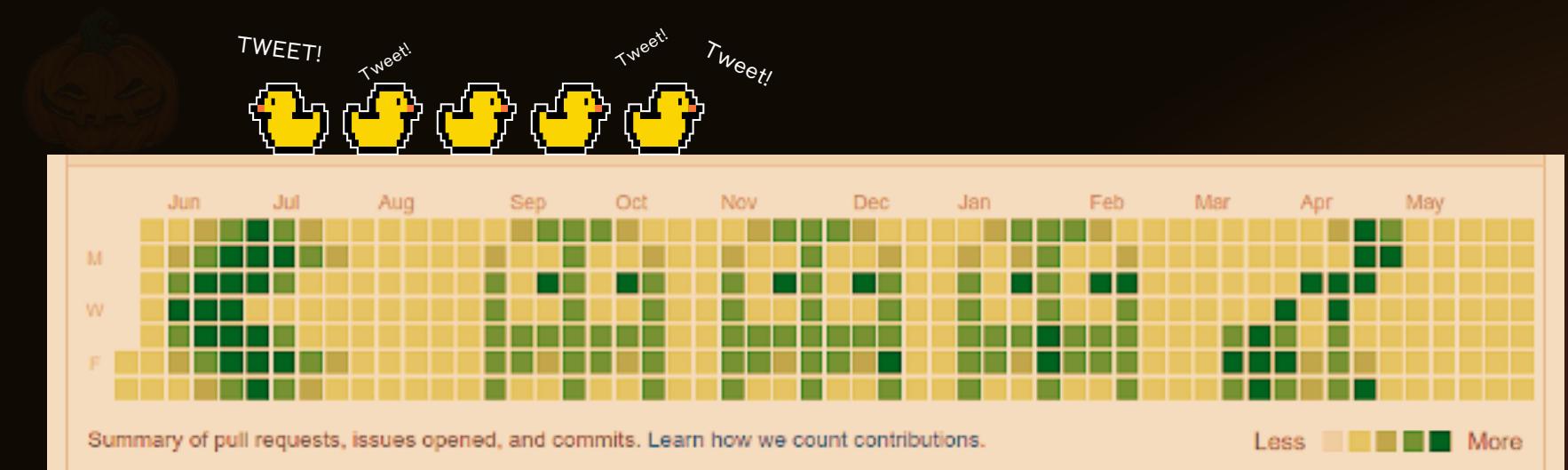
- Originally founded by Linus Torvalds
  - Version control system
  - Allows people to collaborate on code/software



# What is Github ?

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- A place of thousand possibilities.... and also hosting git repositories
- Allows your (girl/boy)friends/ducks/cats/dogs and a lot more people to collaborate together
- Provides cool stuff like CI/CD, wikis, static pages and more mind-boggling stuff



# Let's get dirty...

Sign Up on Github -  
<https://github.com>

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

```
user@github:~# git config --global user.name <username>
user@github:~# git config --global user.email <email>
user@github:~# git config --global color.ui auto
user@github:~# mkdir/cd <into-your-favourite dir>
user@github:~# git clone <repository url>
user@github:~# git pull <repository url>/repository local path
```



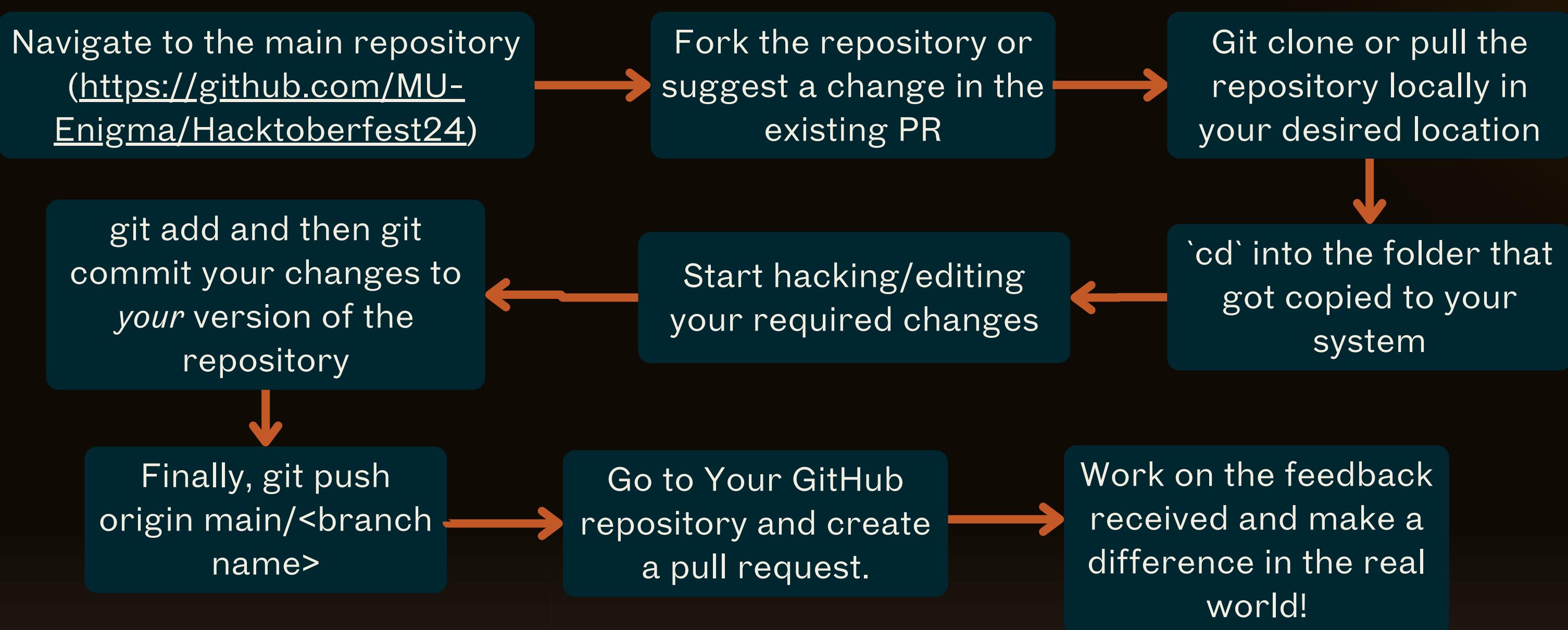
# Commit...

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Once you make changes, it's time to commit or take a snapshot

```
user@github:~# git status // check the differences  
or  
user@github:~# git add <file name>/-all // add some or all the files to the git timeline  
or  
user@github:~# git commit -m <commit message> // upload it to the repository  
or  
user@github:~# git push origin master // you can change the branch name to another active branch
```

# Your Ideal workflow



\*<https://training.github.com/downloads/github-git-cheat-sheet.pdf>

\*\*Git Pull Request Guide



You got/found **issues**?  
Share them under  
**issues** or solve them  
and make a PR



- To complete the challenge, make atleast 4 pull requests to a repo with hacktoberfest tag. All of this before 31st October 2024.
- Head over to [hacktoberfest.com](https://hacktoberfest.com) and login with your github account
- Once registered you are all set to avail your goodies
- Head over to enigma's repository and enjoy solving the byte sized problems



# Goodies

- Upon completion of the challenge, Engima will give assured hacktoberfest merchandise and swag

# Q&A

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Ask us any of your doubts!



# Post Show Catch

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How many



were present?

