



# Workshop on Git and Github





**Linus Torvalds**



Founder of the **Linux** operating system

Also the founder of **Git**



# What is Git?

Version control system



Keep track of file changes



Tool to use Github



# What is Github?

A platform to **share** your work with others





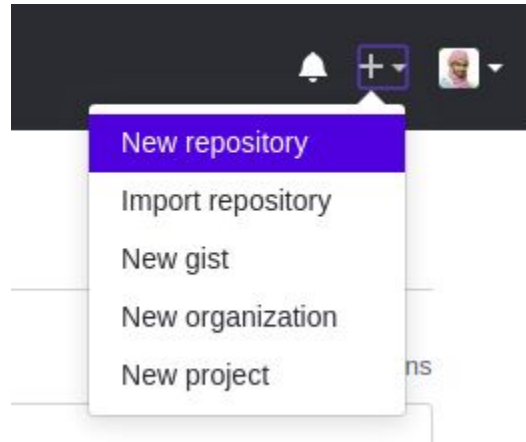
## Getting started with Git

```
git config --global user.email "Your Email"
```

```
git config --global user.name "Your name"
```

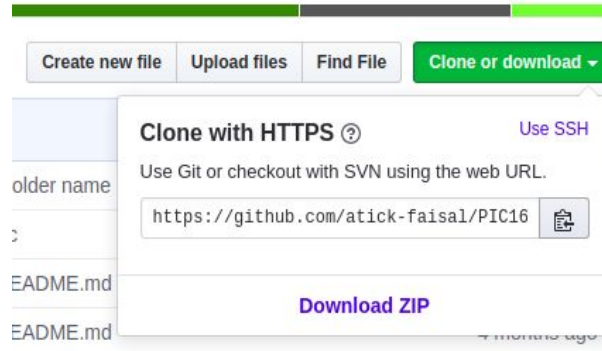
# Github Workflow

## 1. Creating the First Repository



# Github Workflow

## 2. Clone the Repository



```
git clone <repository_url>
```



## Github Workflow

3. **Three** commands to always remember!

```
git add .
```

```
git commit -m "commit_message"
```

```
git push
```





# Branches

```
git checkout -b <branchname>
```

Make changes

Create a pull request

Review and merge



# Contributing

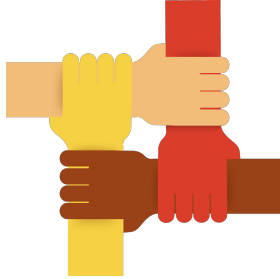


`Fork` the repository

Make changes

Create a `pull request`

# Working on a group project



Settings >> Collaborators

Add Collaborators

# Writing the Readme.md

```
# Project Title
## Subheading
This is normal text.
C code:
```c
#include<stdio.h>
Void main() {
    printf("Hello
World");
}
```

Image:

```

## Project Title

---

### Sub heading

---

This is normal text. C code:

```
#include<stdio.h>
Void main() {
    printf("Hello World");
}
```

Image:





# Say hello to Gitkraken!



A **cool** new way to use Git and Github

# Host your website with Github



`<github_username>.github.io`



```
git commit -m "Thank You!"
```