

## Lab Assignment 2A

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**Class :** TE IT B

**Batch :** A

**Roll No.:** 37012

**Problem Statement:** Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.

**Output:**

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

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#### Repository template


No template ▾

Start your repository with a template repository's contents.


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Owner \*

Repository name \*

 btink0 ▾

/ github-wad


 github-wad is available.

Great repository names are short and memorable. Need inspiration? How about [cautious-sniffle?](#)


#### Description (optional)

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☐

 **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☒

 **Private**  
You choose who can see and commit to this repository.

---

#### Initialize this repository with:

☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

#### Add .gitignore

.gitignore template: None ▾


Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

#### Choose a license

License: None ▾


A license tells others what they can and can't do with your code. [Learn more about licenses.](#)


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 You are creating a private repository in your personal account.


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Create repository


 **github-wad** Private

 Unwatch **1**



 Fork **0**

 Star **0**

**Create a codespace**  
Start coding in a secure, configurable, and dedicated development environment.

**Invite collaborators**  
Find people using their GitHub username or email address.


**Quick setup — if you've done this kind of thing before**

 Set up in Desktop or **HTTPS** **SSH** `https://github.com/blink0/github-wad.git` 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).


**...or create a new repository on the command line**

```
echo "# github-wad" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/blink0/github-wad.git
git push -u origin main
```



**...or push an existing repository from the command line**

```
git remote add origin https://github.com/blink0/github-wad.git
git branch -M main
git push -u origin main
```



**...or import code from another repository**

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a
$ git init
Initialized empty Git repository in C:/Users/Sukhd/OneDrive/Documents/Submissions/WAD/2a/.git/

Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      index.html

nothing added to commit but untracked files present (use "git add" to track)
```

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (master)
$ git add index.html
```

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (master)
$ git status
On branch master
```

```
No commits yet
```

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   index.html
```

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (main)
$ git commit -m "commit"
[main (root-commit) 0552478] commit
 1 file changed, 12 insertions(+)
 create mode 100644 index.html
```

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (main)
$ git log
commit 05524785d3640fe99402dedb80c5af7c980c15c5 (HEAD -> main)
Author: Aditya Dhade <76063440+b1ink0@users.noreply.github.com>
Date:   Fri May 12 01:11:53 2023 +0530


    commit
```


```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (main)
$ git push
fatal: The current branch main has no upstream branch.
To push the current branch and set the remote as upstream, use
```


```
    git push --set-upstream origin main
```


```
To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.
```

```
Sukhd@Error-403 MINGW64 ~/OneDrive/Documents/Submissions/WAD/2a (main)
$ git push --set-upstream origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 412 bytes | 412.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/blink0/github-wad.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

 **github-wad** Private Unwatch 1


 main


 1 branch

 0 tags


Go to file


Add file

 Code

 **blink0** commit

0552478 1 minute ago

 1 commit

 index.html

commit

1 minute ago

Add a README with an overview of your project. Add a README