

GIT AND GITHUB EXAMINATION

MUHAMMAD MUTASIM BILLAH

ID: 0030081

```

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder (master)
$ git clone https://github.com/iatiquil/codefellas.git
Cloning into 'codefellas'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder (master)
$ git checkout mbahnaf
error: pathspec 'mbahnaf' did not match any file(s) known to git

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder (master)
$ cd codefellas
bash: cd: codefellas: No such file or directory

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder (master)
$ ls
codefellas/  github-projectv1/  mbahnaf-portfolio/  new-git-project/  project-git/  recipe-hub/

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder (master)
$ cd codefellas/

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (main)
$ ls
README.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (main)
$ touch Muhammad_Mutasim_Billah.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (main)
$ git branch mbahnaf

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (main)
$ git checkout mbahnaf
Switched to branch 'mbahnaf'

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git status
On branch mbahnaf
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Muhammad_Mutasim_Billah.md

```

MARKUP COMMIT

```
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git log
commit 571b20a2fb001a30f7391be7411b9523794abf3f (HEAD -> mbahnaf)
Merge: 15728a0 2d811fa
Author: Muhammad Mutasim Billah <mutasim.billah@bjitacademy.com>
Date:   Fri May 5 09:33:05 2023 +0600

    Updated description

commit 2d811fa0a33c0624a309713d3b703a801a0f1994 (origin/main, origin/HEAD)
Author: Md. Atiqul Islam <130433717+iatiqul@users.noreply.github.com>
Date:   Fri May 5 09:32:34 2023 +0600

    Update README.md

commit 15728a0c7634d7a85923236163a5b44849bc4194
Author: Muhammad Mutasim Billah <mutasim.billah@bjitacademy.com>
Date:   Fri May 5 09:30:45 2023 +0600

    #tasks2

commit 9f5a6805cc386ec21717c2e251a0f2d39d3cdef9 (checkout)
Author: Md. Atiqul Islam <130433717+iatiqul@users.noreply.github.com>
Date:   Fri May 5 09:15:45 2023 +0600

    Add banner image

commit 0d9eca001da66c1b5aa085a7b0e8b486b426dc15
Author: Md. Atiqul Islam <130433717+iatiqul@users.noreply.github.com>
Date:   Fri May 5 09:13:45 2023 +0600

    Add files via upload

commit bf1641d253a019777a4b621dfa5e819eb2b3a124
Author: Md. Atiqul Islam <130433717+iatiqul@users.noreply.github.com>
Date:   Fri May 5 09:12:09 2023 +0600

    Update README.md

commit 0cff3c123dc7b22c07cb58c31f32ca8f9c0f1a0c
Merge: 6fcbf3c b286dad
Author: Md. Atiqul Islam <130433717+iatiqul@users.noreply.github.com>
Date:   Fri May 5 09:03:20 2023 +0600
```

GIT LOG

GIT COMMANDS

```
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ ls
Atiqul_Islam.md Muhammad_Mutasim_Billah.md README.md sheshir.md tashdid.md

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git pull origin main
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 13.91 KiB | 195.00 KiB/s, done.
From https://github.com/iatiqul/codefellas
* branch          main      -> FETCH_HEAD
  0cff3c1..0d9eca0 main      -> origin/main
Updating 0cff3c1..0d9eca0
Fast-forward
 ...2f692e696d6775722e636f6d2f6337476d414a662e706e67.png | Bin 0 -> 13096 bytes
 README.md | 10 ++++++--
2 files changed, 8 insertions(+), 2 deletions(-)
create mode 100644 687474703a2f2f692e696d6775722e636f6d2f6337476d414a662e706e67.png

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git pull origin main
From https://github.com/iatiqul/codefellas
* branch          main      -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git pull origin main
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 823 bytes | 58.00 KiB/s, done.
From https://github.com/iatiqul/codefellas
* branch          main      -> FETCH_HEAD
  0d9eca0..9f5a680 main      -> origin/main
Updating 0d9eca0..9f5a680
Fast-forward
 README.md | 1 +
1 file changed, 1 insertion(+)
```

GIT COMMANDS

```
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 704 bytes | 54.00 KiB/s, done.
From https://github.com/iatiqul/codefellas
* branch                main          -> FETCH_HEAD
  9f5a680..2d811fa      main          -> origin/main
Auto-merging README.md
Merge made by the 'ort' strategy.
 README.md | 8 ++++----
 1 file changed, 4 insertions(+), 4 deletions(-)

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git commit -a --amend -m "Updated description"
[mbahnaf 28922d5] Updated description
Date: Fri May 5 09:33:05 2023 +0600

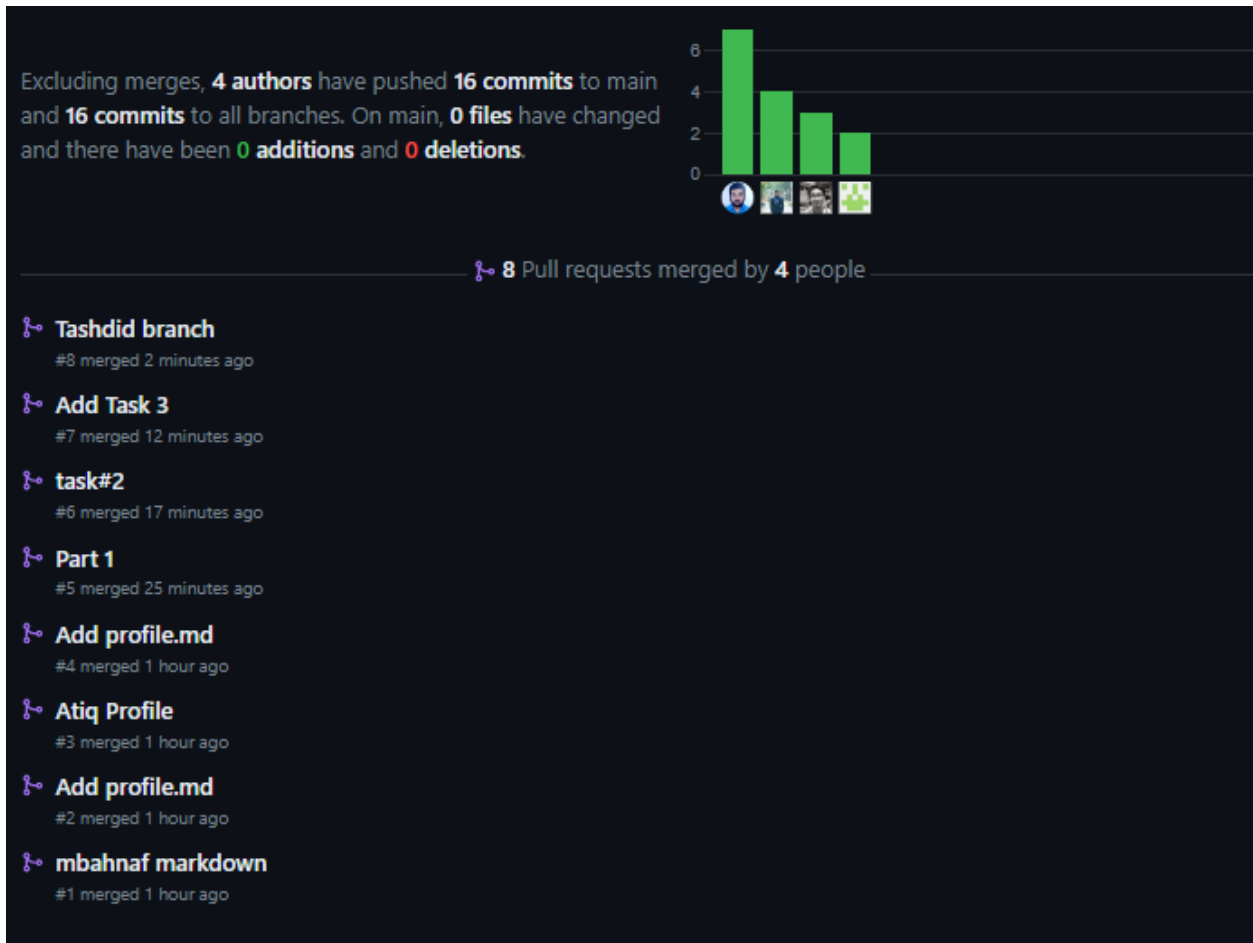
BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git status
On branch mbahnaf
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git push origin mbahnaf
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 349 bytes | 349.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/iatiqul/codefellas.git
   15728a0..28922d5  mbahnaf -> mbahnaf

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git pull origin main
From https://github.com/iatiqul/codefellas
* branch                main          -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 ~/Desktop/New folder/codefellas (mbahnaf)
$ git commit -a --amend -m "Updated description"
[mbahnaf e953bda] Updated description
Date: Fri May 5 09:33:05 2023 +0600
```

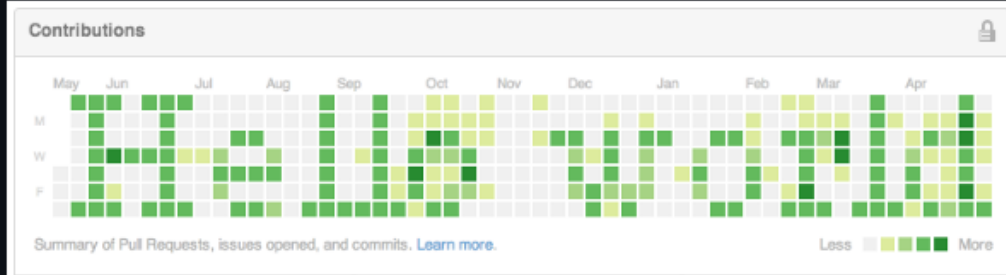
GIT COMMANDS



GITHUB ACTIVITY

1. Project's Title

Git and GitHub Practical Exam is the project to test our practical knowledge on git commands and Github usage.



2. Description

Our project aims at revolutionizing the industry in the approach we take to version control. The new and improved exam system allows users to collaborate with each other seamlessly, resolve conflicts and complete project tasks with impressive insights from our AI-powered project helper

Technology Stack Used



Features

Our project has the following features.

- An interactive UI with solid knowledgebase articles.
- Great integration with projects across multiple stacks.
- Special integration with Jenkins and Spinnaker.
- AI chatbot with a strong training dataset with mind to solve conflicts and identifying issues.

Future features

- Updating the chatbot to ensure a more interactive AI experience.

3. Installation

Git is a popular version control system used by software developers to manage their source code. It allows multiple developers to work on the same project simultaneously, keep track of changes made to the code, and revert to previous versions if necessary. Installing Git on your computer is the first step to start using it.

1. Go to the Git website: The first step is to go to the [Git website](#) and download the appropriate version of Git for your operating system. Git is available for Windows, Mac, and Linux.
2. Clone the repo `git clone git@github.com:latiqul/codefellas.git`
3. Open Git Bash and put the command `git pull origin` to Get the latest update of the main branch to the local master branch
4. Now put the command `git branch <branch name>` to create a local working branch to work on the project;

3. Open Git Bash and put the command `git pull origin` to Get the latest update of the main branch to the local master branch
4. Now put the command `git branch <branch name>` to create a local working branch to work on the project;

4. Contributors

Thank you to the following contributors who have helped to improve this project:

Name	Email	Phone
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