Assignment 1

Attempt all questions, each question carries 5 marks, there is no negative marking.
Upload your answer file with your name in repository "/Assignment1" location.

Q.1) How user can push files on github?

   a) First create a new repository.

Create a new repository
A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner *   Repository name *
🐱 aishwarya191 ▾ / aishwarya0819   ✓
Great repository names are short and memorable. Need inspiration? How about **refactored-engine**?

Description (optional)

◉ 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:
Skip this step if you're importing an existing repository.

☐ Add a README file
    This is where you can write a long description for your project. Learn more.

☐ Add .gitignore
    Choose which files not to track from a list of templates. Learn more.

☐ Choose a license
    A license tells others what they can and can't do with your code. Learn more.

Create repository

   b) Open a powershell

   c) And move to command prompt by writing cmd

```
PS C:\aishwarya0819> cmd
Microsoft Windows [Version 10.0.18362.1016]
(c) 2019 Microsoft Corporation. All rights reserved.
```

   d) Now, copy your remote repository URL from github

HTTPS   SSH   https://github.com/aishwarya191/aishwarya0819.git

   e) And paste it on your cmd

```
C:\aishwarya0819>git clone https://github.com/aishwarya191/aishwarya0819.git
Cloning into 'aishwarya0819'...
warning: You appear to have cloned an empty repository.

C:\aishwarya0819>
```

f) Move to folder where you want to commit.
g) And write command git add . to add files.
h) And git commit -m "comment" to show status.

```
PS C:\aishwarya0819> cd aishwarya0819
PS C:\aishwarya0819\aishwarya0819> git add .
PS C:\aishwarya0819\aishwarya0819> git commit -m "first commit"
[master (root-commit) ab1e32f] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 aishwarya.txt
PS C:\aishwarya0819\aishwarya0819>
```

i) To push write git push to push files.

```
PS C:\aishwarya0819\aishwarya0819> git push https://github.com/aishwarya191/aishwarya0819.git
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238 bytes | 79.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/aishwarya191/aishwarya0819.git
 * [new branch]      master -> master
```

aishwarya191 / aishwarya0819

<> Code   ⊙ Issues   ⇄ Pull requests   ⊙ Actions   ▦ Projects   ▱ Wiki   ⊘ Security   ∿ Insights   ⚙ Settings

⌥ master ▾   ⌥ 1 branch   ⬨ 0 tags   Go to file   Add file ▾   ⬇ Code ▾

Ankita-2110 first commit   ab1e32f 4 minutes ago   ⏱ 1 commit

▯ aishwarya.txt   first commit   4 minutes ago

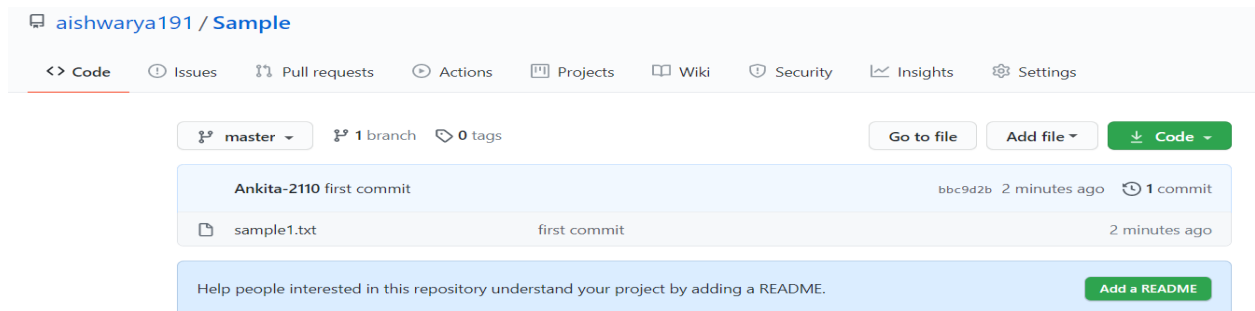Help people interested in this repository understand your project by adding a README.   Add a README

Q.2)Which command are used to check GIT Version?

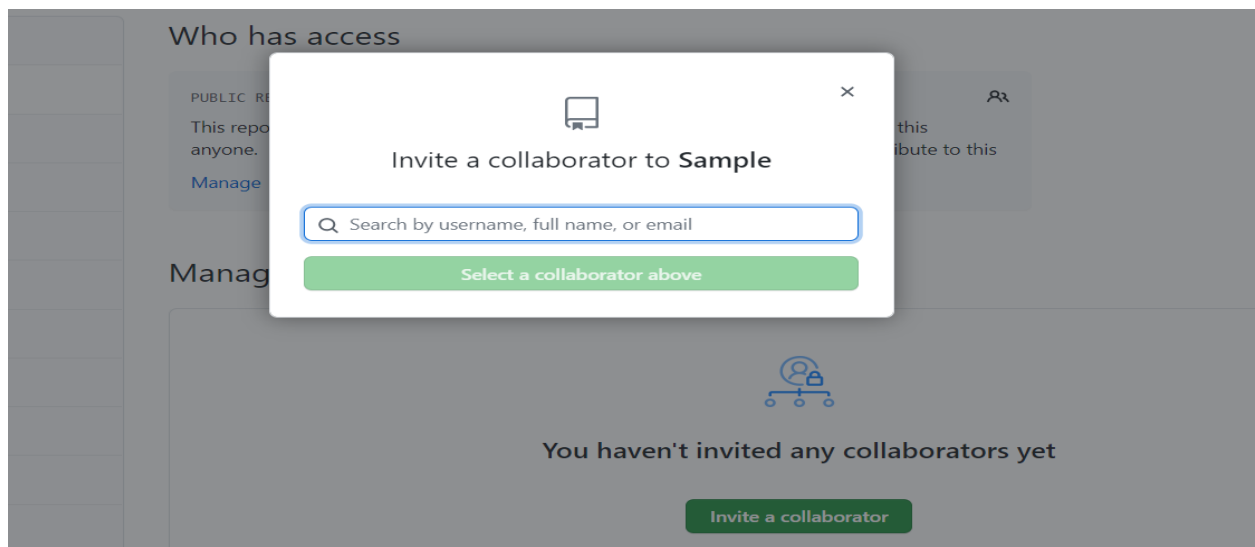a)   git - -version command is used to check GIT Version .

```
Aishwarya@DESKTOP-RTQ2G27 MINGW64 ~
$ git --version
git version 2.30.1.windows.1
```

Q.3) How you can collaborate with others in github?

a)   First open your repository.

b)   Click on setting button.

c)   After Clicking on setting button go to manage access.

d)   After that click on Invite Collaborators. Write username of collaborator and then invite them.

Q.4 How you can push updates on your repository?

While pushing updates on the repository use following commands:

a) Go to the location of working directory where we have to add or update the files in the local repository on your system. Then use following command.

<p style="text-align:center"><strong style="color:red">git add .</p>

b) then, make a local commit by.

<p style="text-align:center"><strong style="color:red">git commit –m "message"</p>

c) once you make your local commit, you can then push it to your remote GitHub fork.

<p style="text-align:center"><strong style="color:red">git push origin master</p>

But if you want to pull your changes from the forked repository in github

To make your source code pulled by original fork, you have to send a pull request to the project owner.

1. Go to the web page of your forked project on GitHub.
2. Hit the pull request button on the top right of page
3. Select the commits that you want to submit by change commits button.
4. Write some description of your changes, comments, or etc.
5. Send pull request and wait for the owner reply.

Q.5) What is alternative of github&what is Full form of GIT?

Gitlab, Bitbucket is the alternative of GitHub.

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

Git is software for tracking changes in any set of files, usually used for coordinating work among **programmers** collaboratively developing source code during software development.