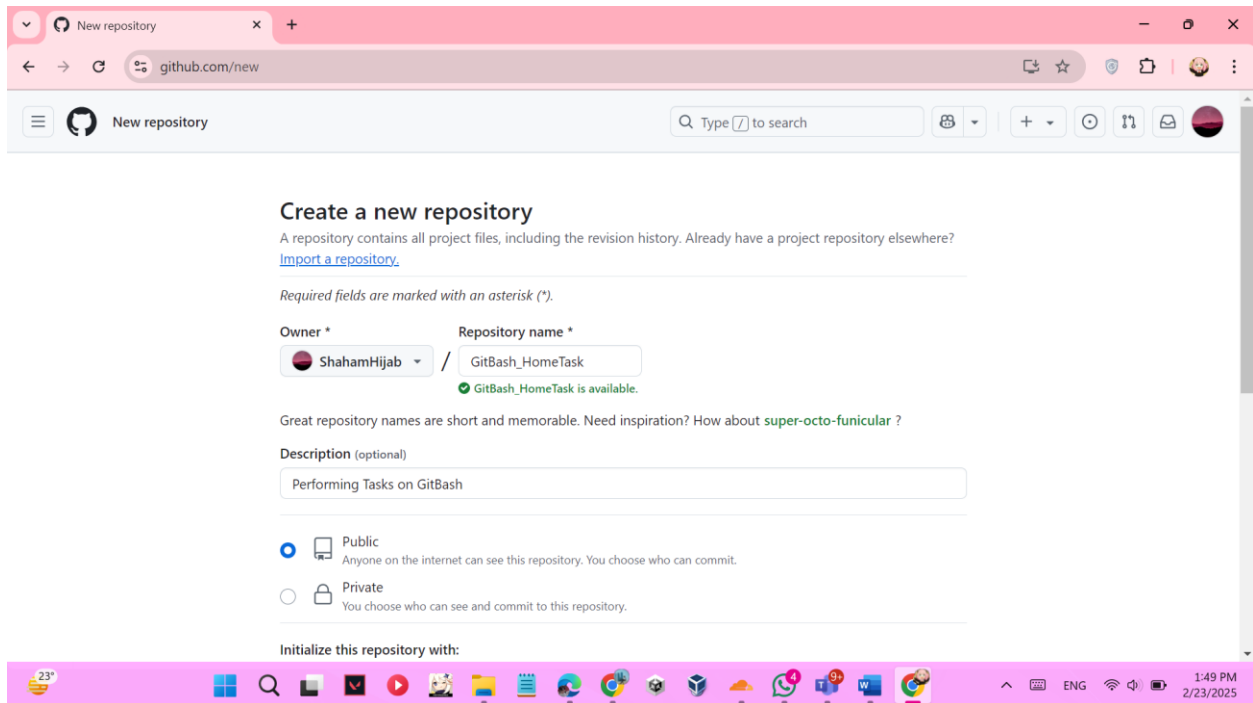


Creating new repo:



New repository

github.com/new

Create a new repository

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

Required fields are marked with an asterisk (*).

Owner * / Repository name *
ShahamHijab / GitBash_HomeTask
GitBash_HomeTask is available.

Great repository names are short and memorable. Need inspiration? How about [super-octo-funicular](#)?

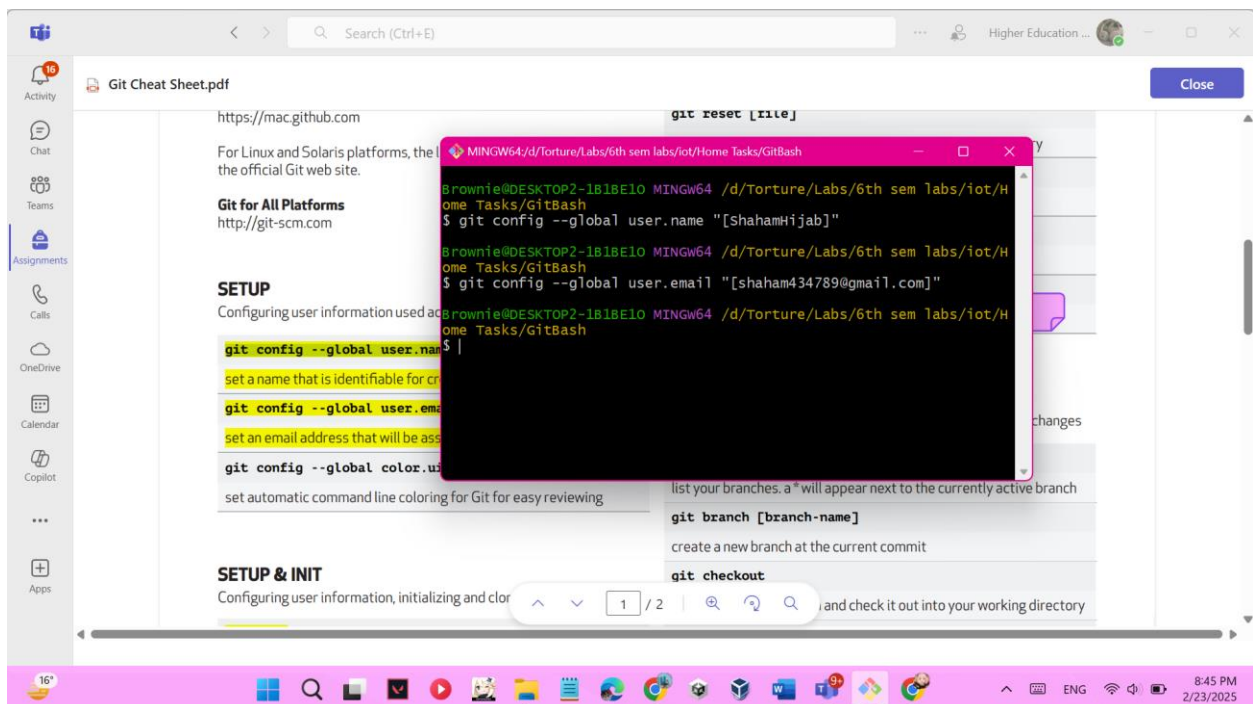
Description (optional)
Performing Tasks on GitBash

☒ 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:

Configuration:



Git Cheat Sheet.pdf

https://mac.github.com

For Linux and Solaris platforms, the official Git web site.

Git for All Platforms
http://git-scm.com

SETUP

Configuring user information used across all repositories

```
git config --global user.name "ShahamHijab"
git config --global user.email "shaham434789@gmail.com"
git config --global color.ui true
```

set a name that is identifiable for cross-repository collaboration with e-mail

set an email address that will be associated with your commits

set automatic command line coloring for Git for easy reviewing

SETUP & INIT

Configuring user information, initializing and cloning a repository

```
git reset [file]
```

```
git config --global user.name "[ShahamHijab]"
git config --global user.email "[shaham434789@gmail.com]"
```

```
git branch [branch-name]
```

```
git checkout
```

list your branches. a * will appear next to the currently active branch

create a new branch at the current commit

and check it out into your working directory

Adding main.py for blinking led:

```
MINGW64/d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash
Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash
$ git init
Initialized empty Git repository in D:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash/.git/

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (master)
$ git add .

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (master)
$ git commit -m "Adding main.py for blinking led"
[master (root-commit) 95a460a] Adding main.py for blinking led
1 file changed, 35 insertions(+)
create mode 100644 main.py

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (master)
$ git branch -M main

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git remote add origin https://github.com/ShahamHijab/GitBash-HomeTask.git

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 679 bytes | 679.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShahamHijab/GitBash-HomeTask.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$
```

Adding Text file containing name and roll no:

```
MINGW64/d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash
branch 'main' set up to track 'origin/main'.

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git add .

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git commit -m "Adding name and roll no"
[main 4f5d2af] Adding name and roll no
1 file changed, 2 insertions(+)
create mode 100644 Text.txt

Brownie@DESKTOP2-1B1BE10 MINGW64 /d:/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 335 bytes | 335.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShahamHijab/GitBash-HomeTask.git
 95a460a..4f5d2af main -> main
branch 'main' set up to track 'origin/main'.
```

Pushing ESP32 S3 image and datasheet:

```
MINGW64/d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash
Brownie@DESKTOP2-1B1BE10 MINGW64 /d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    esp32-s3.jpg
    esp32-s3_datasheet_en.pdf

nothing added to commit but untracked files present (use "git add" to track)
Brownie@DESKTOP2-1B1BE10 MINGW64 /d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git add .
Brownie@DESKTOP2-1B1BE10 MINGW64 /d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git commit -m "Adding esp32 s3 pins image and datasheet"
[main 6062323] Adding esp32 s3 pins image and datasheet
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 esp32-s3.jpg
create mode 100644 esp32-s3_datasheet_en.pdf
Brownie@DESKTOP2-1B1BE10 MINGW64 /d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$ git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.35 MiB | 642.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShahamHijab/GitBash-HomeTask.git
   4f5d2af..6062323  main -> main
branch 'main' set up to track 'origin/main'.
Brownie@DESKTOP2-1B1BE10 MINGW64 /d/Torture/Labs/6th sem labs/iot/Home Tasks/GitBash (main)
$
```