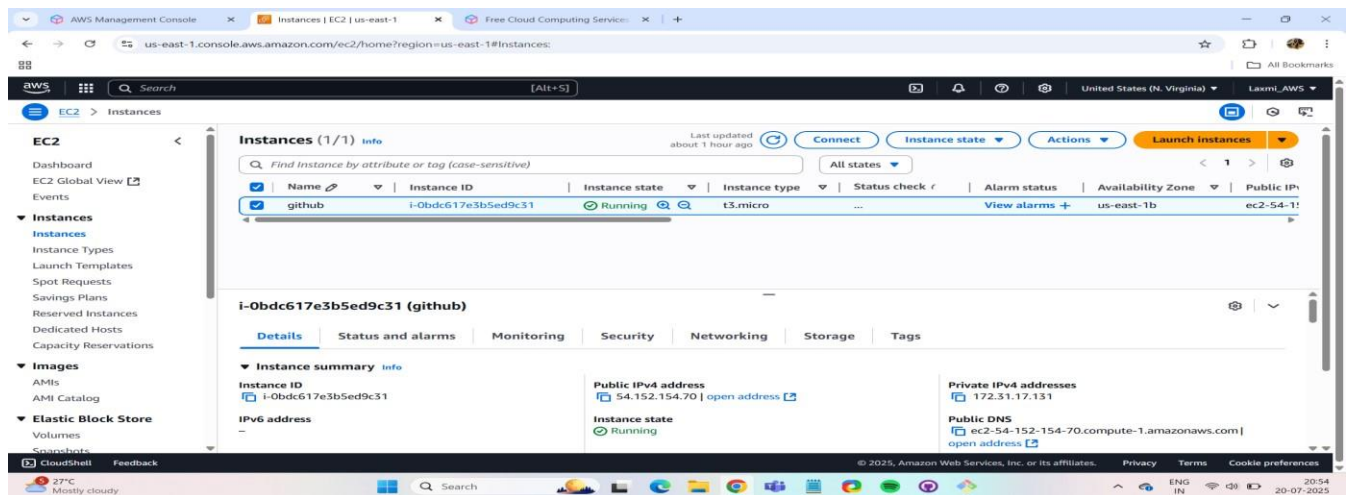


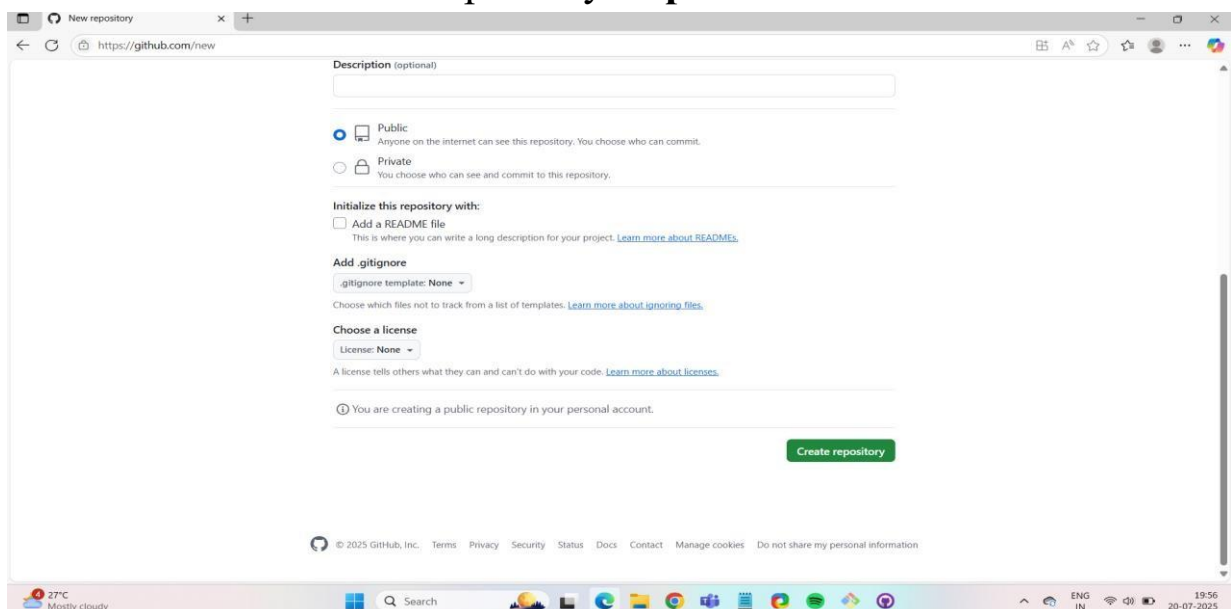
**Name :-** Laxmi Swami

**Topic :-** Git and Github

**STEP 1 :-** Launch EC2 instance take ubuntu operating system. As we have taken ubuntu operating system insert command  
**apt-get update**



**STEP 2 :-** Create a new depository Repo-3.



**STEP 3 :-** Now create few folders files in git bash use below commands to push files from gitbash to github.

**git init git add \* git commit -m "file  
name file name" git remote add origin  
https..... git push origin master**

```
root@ip-172-31-17-131: ~/devops
ls419@LAXMI MINGW64 ~
$ cd Downloads/
ls419@LAXMI MINGW64 ~/Downloads
$ ssh -i "my-key.pem" ubuntu@ec2-54-152-154-70.compute-1.amazonaws.com
The authenticity of host 'ec2-54-152-154-70.compute-1.amazonaws.com (54.152.154.70)' can't be established.
ED25519 key fingerprint is SHA256:NCawj5ye78yb3XM3ZJNo/9BuOQZolSyF8rtimCobyYM.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-152-154-70.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sun Jul 20 14:24:26 UTC 2025

System load: 0.1          Temperature: -273.1 C
Usage of /: 25.4% of 6.71GB Processes: 112
Memory usage: 23%        Users logged in: 0
Swap usage: 0%           IPv4 address for ens5: 172.31.17.131

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
```

```
root@ip-172-31-17-131: ~/devops
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-17-131:~$ mkdir aws
ubuntu@ip-172-31-17-131:~$ cd aws
ubuntu@ip-172-31-17-131:~/aws$ cd ..
ubuntu@ip-172-31-17-131:~$ sudo su -
root@ip-172-31-17-131:~# mkdir devops
root@ip-172-31-17-131:~# cd devops
root@ip-172-31-17-131:~/devops# touch laxi.txt giti.txt rashi.txt
root@ip-172-31-17-131:~/devops# ls
giti.txt laxi.txt rashi.txt
root@ip-172-31-17-131:~/devops# git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /root/devops/.git/
root@ip-172-31-17-131:~/devops# vi laxi.txt
root@ip-172-31-17-131:~/devops# cat laxi.txt
hello everyone
good evening
root@ip-172-31-17-131:~/devops# git add *
root@ip-172-31-17-131:~/devops# git status
On branch master
```

```
root@ip-172-31-17-131: ~/devops
root@ip-172-31-17-131:~/devops# git add *
root@ip-172-31-17-131:~/devops# git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   git1.txt
        new file:   laxi.txt
        new file:   rashi.txt

root@ip-172-31-17-131:~/devops# git commit -m "Added all file"
[master (root-commit) 6bc6d2e] Added all file
  Committer: root <root@ip-172-31-17-131.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

3 files changed, 3 insertions(+)
create mode 100644 git1.txt
create mode 100644 laxi.txt
create mode 100644 rashi.txt
root@ip-172-31-17-131:~/devops# git remote add origin https://github.com/Laxmiswami/my-repo.git
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmiswami
Password for 'https://Laxmiswami@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 292 bytes | 292.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Laxmiswami/my-repo.git
 * [new branch]      master -> master
root@ip-172-31-17-131:~/devops#
```



```
root@ip-172-31-17-131: ~/devops
good evening
root@ip-172-31-17-131:~/devops# git add *
root@ip-172-31-17-131:~/devops# git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   git1.txt
        new file:   laxi.txt
        new file:   rashi.txt

root@ip-172-31-17-131:~/devops# git commit -m "Added all file"
[master (root-commit) 6bc6d2e] Added all file
  Committer: root <root@ip-172-31-17-131.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

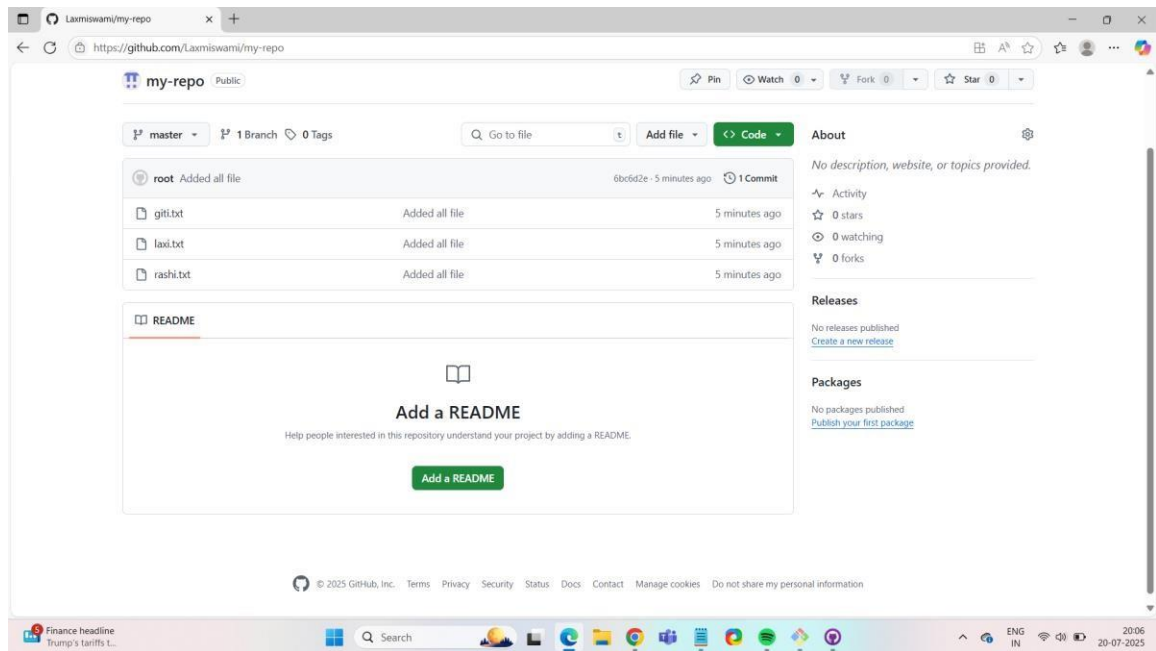
    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

3 files changed, 3 insertions(+)
create mode 100644 git1.txt
create mode 100644 laxi.txt
create mode 100644 rashi.txt
root@ip-172-31-17-131:~/devops# git remote add origin https://github.com/Laxmiswami/my-repo.git
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmiswami
Password for 'https://Laxmiswami@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 292 bytes | 292.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Laxmiswami/my-repo.git
```





**Task 1 :-** Add some blank files to the folder in gitbash and try to push them on git check files get added or not. Ans :- No blank folders not able to add on git.

```

root@ip-172-31-17-131: ~/devops
root@ip-172-31-17-131:~/devops# mkdir newfolder
root@ip-172-31-17-131:~/devops# mkdir new
root@ip-172-31-17-131:~/devops# ls
giti.txt laxi.txt new newfolder rashi.txt
root@ip-172-31-17-131:~/devops# git add *
root@ip-172-31-17-131:~/devops# git status
On branch master
nothing to commit, working tree clean
root@ip-172-31-17-131:~/devops# git commit -m "updated"
On branch master
nothing to commit, working tree clean
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmishwami
Password for 'https://github.com': 
Everything up-to-date
root@ip-172-31-17-131:~/devops#

```

**\*Task 2:-** Now create one **.hidden** folder inside file add below commands

**\*.html**

**\*.java**

Create some .java and .css files and try to push on git it won't get pushed as we have ignored (untracked files) that files.

```
root@ip-172-31-17-131: ~/devops
root@ip-172-31-17-131:~/devops# ls
giti.txt laxi.txt new newfolder rashi.txt
root@ip-172-31-17-131:~/devops# vi .hiddenignore
root@ip-172-31-17-131:~/devops# cat .hiddenignore
abc.java
cde.html
home.css
lmn.java

root@ip-172-31-17-131:~/devops# touch main.java home.html abc.css
root@ip-172-31-17-131:~/devops# ls
abc.css giti.txt home.html laxi.txt main.java new newfolder rashi.txt
root@ip-172-31-17-131:~/devops# vi .hiddenignore
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmismwami
Password for 'https://Laxmismwami@github.com':
Everything up-to-date
root@ip-172-31-17-131:~/devops# git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .hiddenignore
        abc.css
        home.html
        main.java

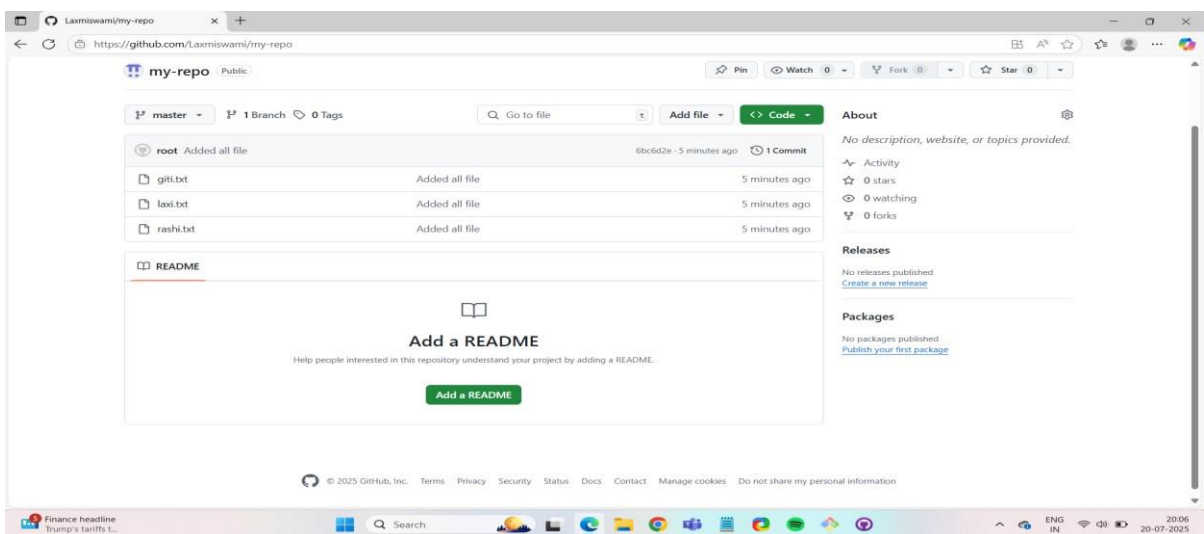
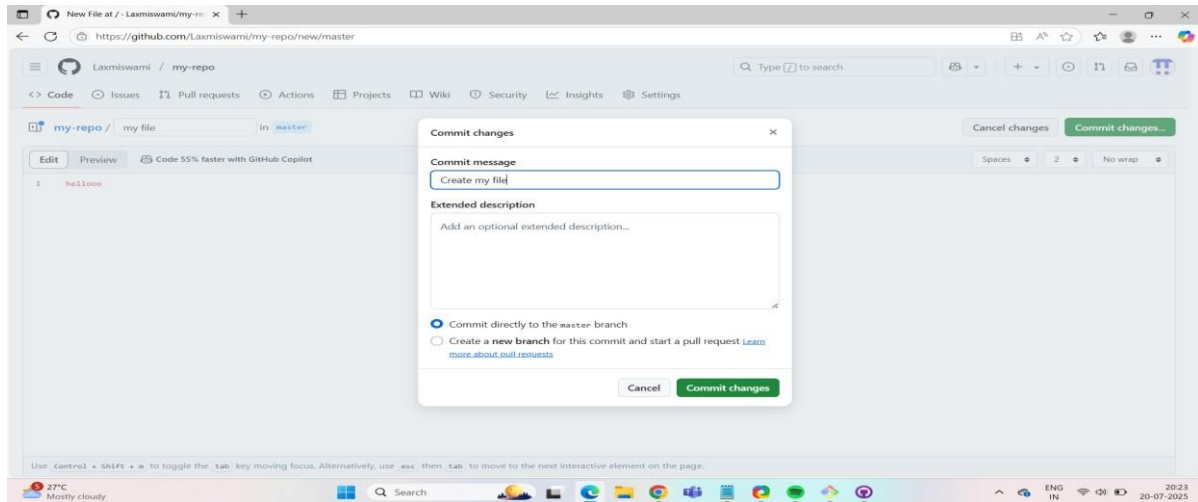
nothing added to commit but untracked files present (use "git add" to track)
root@ip-172-31-17-131:~/devops#
```

```
root@ip-172-31-17-131: ~/devops
root@ip-172-31-17-131:~/devops# git add *
root@ip-172-31-17-131:~/devops# git status
On branch master
nothing to commit, working tree clean
root@ip-172-31-17-131:~/devops# git commit -m "updated"
On branch master
nothing to commit, working tree clean
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmismwami
Password for 'https://Laxmismwami@github.com':
Everything up-to-date
root@ip-172-31-17-131:~/devops# ls
giti.txt laxi.txt new newfolder rashi.txt
root@ip-172-31-17-131:~/devops# vi .hiddenignore
root@ip-172-31-17-131:~/devops# cat .hiddenignore
abc.java
cde.html
home.css
lmn.java

root@ip-172-31-17-131:~/devops# touch main.java home.html abc.css
root@ip-172-31-17-131:~/devops# ls
abc.css giti.txt home.html laxi.txt main.java new newfolder rashi.txt
root@ip-172-31-17-131:~/devops# vi .hiddenignore
root@ip-172-31-17-131:~/devops# git push origin master
Username for 'https://github.com': Laxmismwami
Password for 'https://Laxmismwami@github.com':
Everything up-to-date
root@ip-172-31-17-131:~/devops# git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .hiddenignore
        abc.css
        home.html
        main.java

nothing added to commit but untracked files present (use "git add" to track)
root@ip-172-31-17-131:~/devops# git add -f *
root@ip-172-31-17-131:~/devops# git Read from remote host ec2-54-152-154-70.compute-1.amazonaws.com: Connection reset by peer
Connection to ec2-54-152-154-70.compute-1.amazonaws.com closed.
client_loop: send disconnect: connection reset by peer
```

**\*Task 3 :-** Now I have created one file manually using GUI in git and try to copy in my gitbash. Use below command to clone the data from git to gitbash. **git clone http.....**





```
root@ip-172-31-17-131: ~/devops/my-repo
Untracked files:
(use "git add <file>..." to include in what will be committed)
.hiddenignore

root@ip-172-31-17-131:~/devops#
root@ip-172-31-17-131:~/devops# git clone https://github.com/Laxmismwami/my-repo.git
Cloning into 'my-repo'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (7/7), done.
Resolving deltas: 100% (1/1), done.
root@ip-172-31-17-131:~/devops# ls
abc.css  git1.txt  home.html  laxi.txt  main.java  my-repo  new  newfolder  rashi.txt
root@ip-172-31-17-131:~/devops# cd my-repo
root@ip-172-31-17-131:~/devops/my-repo# ls
git1.txt  laxi.txt  'my file'  rashi.txt
root@ip-172-31-17-131:~/devops/my-repo# cd ..
root@ip-172-31-17-131:~/devops# git update
git: 'update' is not a git command. See 'git --help'.

The most similar command is
update-ref
root@ip-172-31-17-131:~/devops# git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   abc.css
        new file:   home.html
        new file:   main.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .hiddenignore
        my-repo/

root@ip-172-31-17-131:~/devops# cd my-repo
root@ip-172-31-17-131:~/devops/my-repo# git clone https://github.com/Laxmismwami/my-repo.git
Cloning into 'my-repo'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
```

**\*Task 4 :-** Now to fork files from another ID search the ID of a person click on fork then change name of file and click on create a fork.

The screenshot shows the GitHub interface for creating a new fork. The browser address bar shows the URL `https://github.com/Rasheshwarik/myproject1/fork`. The page title is 'Fork Rasheshwarik/myproject1'. The repository name is 'myproject1' by user 'Rasheshwarik'. The page has tabs for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Security', and 'Insights'. The main content area is titled 'Create a new fork' with a subtitle 'A fork is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project.' Below this, it says 'Required fields are marked with an asterisk (\*)'. There are two required fields: 'Owner \*' with a dropdown menu showing 'Laxmismwami' and 'Repository name \*' with a text input field containing 'my-fork'. A green checkmark indicates 'my-fork is available'. Below these fields, there is a text input for 'Description (optional)'. A checkbox labeled 'Copy the main branch only' is checked, with a note 'Contribute back to Rasheshwarik/myproject1 by adding your own branch. [Learn more.](#)'. At the bottom, there is a note 'You are creating a fork in your personal account.' and a green 'Create fork' button.

Your Repositories

Laxmiswami/Rasheshwarik Conf: X | +

https://github.com/Laxmiswami?tab=repositories

updated 43 minutes ago

Laxmiswami

Edit profile

localrepo

Private

HTML

Updated on Sep 5, 2024

Star

my-fork

Public

Forked from Rasheshwarik/myproject1

HTML

Updated on Aug 31, 2024

Star

myproject

Private

HTML

Updated on Aug 31, 2024

Star

Rasheshwarik

Public

Forked from Rasheshwarik/Rasheshwarik

Config files for my GitHub profile.

Updated on Jul 23, 2024

Star

Octane-task2

Public

CSS

Updated on May 28, 2024

Star

Octan\_task1

Public

Star

https://github.com/Laxmiswami/myproject

27°C  
Mostly cloudy

Search

ENG  
IN

20:46  
20-07-2025