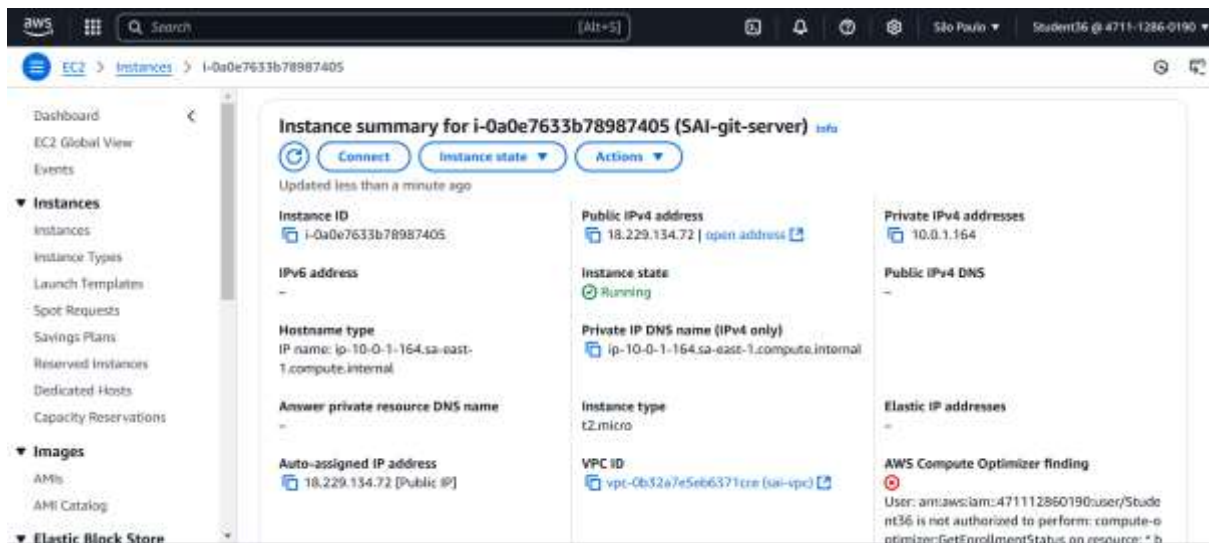
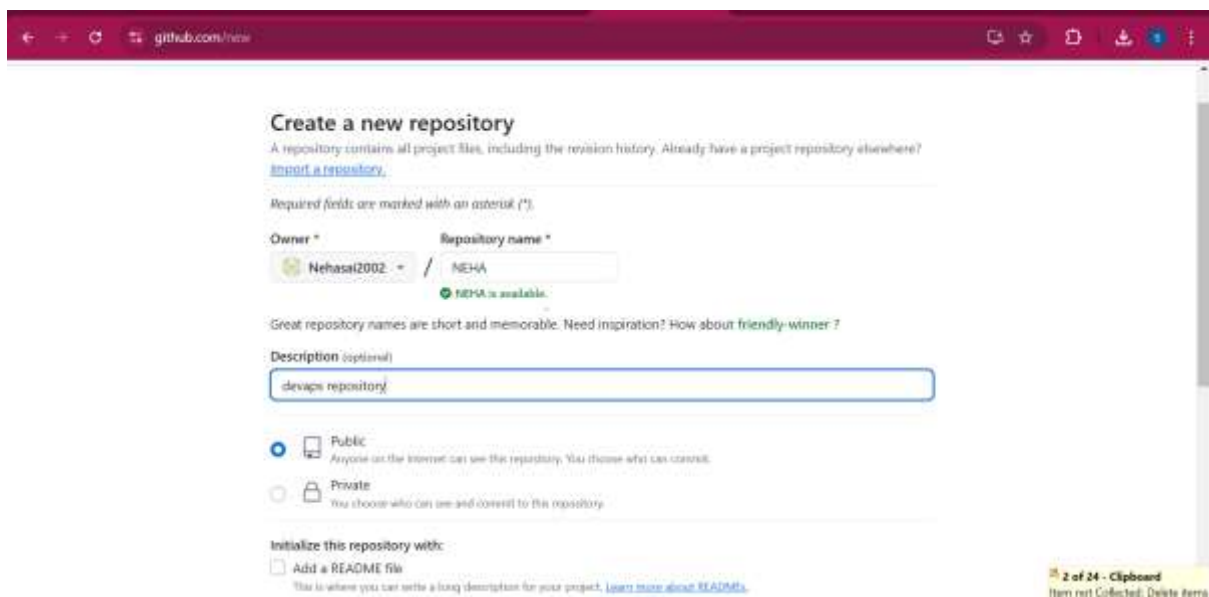


6.How to create repository in GitHub.

GIT server



Create a new repository



```
root@ip-10-0-1-164:~/NEHA
Microsoft Windows [Version 10.0.19045.4651]
(c) Microsoft Corporation. All rights reserved.

C:\Users\neha.DESKTOP-HP73T21>cd downloads
C:\Users\neha.DESKTOP-HP73T21\Downloads>ssh -i "sail-keypair.pem" ec2-user@18.229.134.72

      _#_
     _###_
    _####_
   _#####_
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/#####\
 \#####/
  _#####_
   _#####_
    _####_
     _###_
      _#_

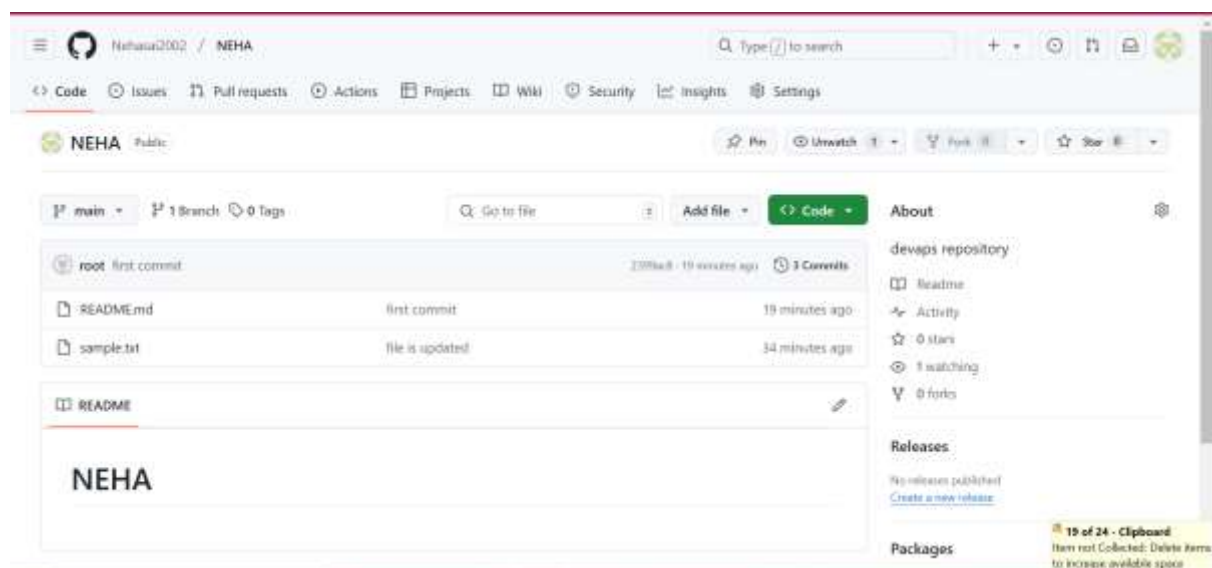
  Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

Last login: Thu Dec 12 14:31:30 2024 from 27.59.98.217
ec2-user@ip-10-0-1-164 ~]$ sudo su
[root@ip-10-0-1-164 ec2-user]# cd
[root@ip-10-0-1-164 ~]# ls
NEHA
[root@ip-10-0-1-164 ~]# cd /
[root@ip-10-0-1-164 /]# cd
[root@ip-10-0-1-164 ~]# cd NEHA
[root@ip-10-0-1-164 NEHA]# echo "# repo1" >> README.md
[root@ip-10-0-1-164 NEHA]# git init
Initialized existing Git repository in /root/NEHA/.git/
[root@ip-10-0-1-164 NEHA]# git add README.md
[root@ip-10-0-1-164 NEHA]# git commit -m "first commit"
[sai c969871] first commit
Committer: root <root@ip-10-0-1-164.sa-east-1.compute.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
```

Final Result



Create GIT

```
new file:   sample.txt

[root@ip-10-0-1-164 saineha]# git commit
Aborting commit due to empty commit message.
Aborting commit due to empty commit message.
[root@ip-10-0-1-164 saineha]# git commit -m "file is created"
[master (root-commit) 6ead18e] file is created
Committer: root <root@ip-10-0-1-164.sa-east-1.compute.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

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sample.txt
[root@ip-10-0-1-164 saineha]# vi sample.txt
[root@ip-10-0-1-164 saineha]# git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   sample.txt

no changes added to commit (use "git add" and/or "git commit -a")
[root@ip-10-0-1-164 saineha]# git add *
[root@ip-10-0-1-164 saineha]# git commit -m "file is updated"
[master f29aeeac] file is updated
Committer: root <root@ip-10-0-1-164.sa-east-1.compute.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:
```

Clone

```
file is created
[root@ip-10-0-1-164 saineha]# git log
commit f29aeeac36d147c8b5d8749d31a0c2b99a5667d21 (HEAD -> master)
Author: root <root@ip-10-0-1-164.sa-east-1.compute.internal>
Date:   Thu Dec 12 08:53:11 2024 +0000

    file is updated

commit 6ead18e6b6d4b8023023a8aa3cf2969a69745479
Author: root <root@ip-10-0-1-164.sa-east-1.compute.internal>
Date:   Thu Dec 12 08:49:31 2024 +0000

    file is created

[root@ip-10-0-1-164 saineha]# echo "# NEHA" >> README.md
[root@ip-10-0-1-164 saineha]# ls
README.md  sample.txt
[root@ip-10-0-1-164 saineha]# git init
Reinitialized existing Git repository in /saineha/.git/
[root@ip-10-0-1-164 saineha]# git add README.md
[root@ip-10-0-1-164 saineha]# git commit -m "first commit"
[master 2399ac8] first commit
Committer: root <root@ip-10-0-1-164.sa-east-1.compute.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

1 file changed, 1 insertion(+)
create mode 100644 README.md
[root@ip-10-0-1-164 saineha]# git branch -M main
[root@ip-10-0-1-164 saineha]# git remote add origin https://github.com/Nehasai2082/NEHA.git
[root@ip-10-0-1-164 saineha]# git push -u origin main
Username for 'https://github.com': Nehasai2082
Password for 'https://Nehasai2082@github.com': client loop: send disconnect: Connection reset
```

```
C:\Users\neha\Desktop\HP73721\Downloads>ssh -i "sai1-keypair.pem" ec2-user@18.229.134.72

#
      ____
     / ____ \
    /  ___  \
   /  / _  \
  /  /  __ \
 /  /   __/
/_____/

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

Last login: Thu Dec 12 09:58:17 2024 from 27.59.98.217
[ec2-user@ip-10-0-1-164 ~]$ sudo su
[root@ip-10-0-1-164 ec2-user]# cd
[root@ip-10-0-1-164 ~]# ls
NEHA
[root@ip-10-0-1-164 ~]# cd NEHA
[root@ip-10-0-1-164 NEHA]# git status
On branch sai
Your branch is up to date with 'origin/sai'.

nothing to commit, working tree clean
[root@ip-10-0-1-164 NEHA]# git fetch
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 954 bytes | 954.00 KiB/s, done.
from https://github.com/nehaxai2002/NEHA
   e8a75cb..afbb685  sai      -> origin/sai
[root@ip-10-0-1-164 NEHA]# git pull
Updating e8a75cb..afbb685
Fast-forward
 sample.txt | 1 +
 1 file changed, 1 insertion(+)
[root@ip-10-0-1-164 NEHA]# ls
README.md  .aws  .git  .jenkins  linux  sample.txt
[root@ip-10-0-1-164 NEHA]# cat sample.txt
git is distributed version control system
GIT IS DEVOPS TOOL
```

Final Result

