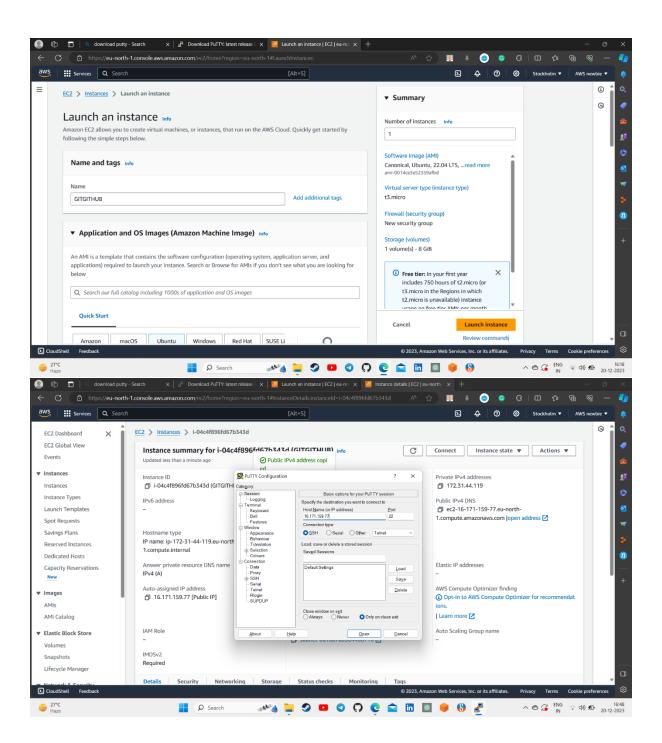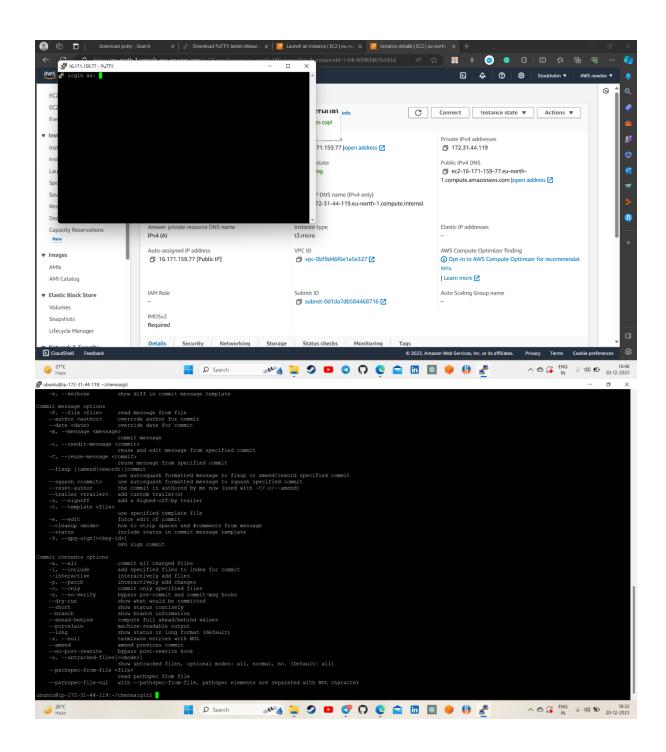TASK 2

Push files to Git to Git Hub

a. Create a new folder

b. Put the following files in the folder

• Code.txt

• Log.txt

• Output.txt

c. Stage the Code.txt and Output.txt files

d. Commit them

e. And finally push them to GitHub

https://eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LaunchInstances

aws   Services   Q Search   [Alt+S]   Stockholm ▼   AWS newbie ▼

EC2 > Instances > Launch an instance

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

Name

GITGITHUB   Add additional tags

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Q Search our full catalog including 1000s of application and OS images

Quick Start

Amazon   macOS   Ubuntu   Windows   Red Hat   SUSE Li

▼ Summary

Number of instances Info

1

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-0014ce3e52359afbd

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

ⓘ **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance

Cancel   **Launch instance**

Review commands

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27°C Haze   Search   ENG IN   16:18 20-12-2023

---

https://eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#InstanceDetails:instanceId=i-04c4f896fd67b343d

aws   Services   Q Search   [Alt+S]   Stockholm ▼   AWS newbie ▼

EC2 Dashboard   ✕
EC2 Global View

Events

▼ Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New

▼ Images
AMIs
AMI Catalog

▼ Elastic Block Store
Volumes
Snapshots
Lifecycle Manager

EC2 > Instances > i-04c4f896fd67b343d

Instance summary for i-04c4f896fd67b343d (GITGITHUB) Info
Updated less than a minute ago

⊘ Public IPv4 address copied

C   Connect   Instance state ▼   Actions ▼

Instance ID
📋 i-04c4f896fd67b343d (GITGITHU

IPv6 address
–

Hostname type
IP name: ip-172-31-44-119.eu-north 1.compute.internal

Answer private resource DNS name
IPv4 (A)

Auto-assigned IP address
📋 16.171.159.77 [Public IP]

IAM Role
–

IMDSv2
Required

Private IPv4 addresses
📋 172.31.44.119

Public IPv4 DNS
📋 ec2-16-171-159-77.eu-north-1.compute.amazonaws.com |open address 🔗

Elastic IP addresses
–

AWS Compute Optimizer finding
ⓘ Opt-in to AWS Compute Optimizer for recommendations
| Learn more 🔗

Auto Scaling Group name

PuTTY Configuration   ?   ✕

Category:

- Session
  - Logging
- Terminal
  - Keyboard
  - Bell
  - Features
- Window
  - Appearance
  - Behaviour
  - Translation
  - Selection
  - Colours
- Connection
  - Data
  - Proxy
  - SSH
  - Serial
  - Telnet
  - Rlogin
  - SUPDUP

Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address)   Port
16.171.159.77   22

Connection type:
◉ SSH   ○ Serial   ○ Other: Telnet ▼

Load, save or delete a stored session

Saved Sessions

Default Settings   Load
    Save
    Delete

Close window on exit:
○ Always   ○ Never   ◉ Only on clean exit

About   Help   Open   Cancel

Details   Security   Networking   Storage   Status checks   Monitoring   Tags

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27°C Haze   Search   ENG IN   16:48 20-12-2023

```
   -v, --verbose          show diff in commit message template

Commit message options
   -F, --file <file>      read message from file
   --author <author>      override author for commit
   --date <date>          override date for commit
   -m, --message <message>
                          commit message
   -c, --reedit-message <commit>
                          reuse and edit message from specified commit
   -C, --reuse-message <commit>
                          reuse message from specified commit
   --fixup [(amend|reword):]commit
                          use autosquash formatted message to fixup or amend/reword specified commit
   --squash <commit>      use autosquash formatted message to squash specified commit
   --reset-author         the commit is authored by me now (used with -C/-c/--amend)
   --trailer <trailer>    add custom trailer(s)
   -s, --signoff          add a Signed-off-by trailer
   -t, --template <file>
                          use specified template file
   -e, --edit             force edit of commit
   --cleanup <mode>       how to strip spaces and #comments from message
   --status               include status in commit message template
   -S, --gpg-sign[=<key-id>]
                          GPG sign commit

Commit contents options
   -a, --all              commit all changed files
   -i, --include          add specified files to index for commit
   --interactive          interactively add files
   -p, --patch            interactively add changes
   -o, --only             commit only specified files
   -n, --no-verify        bypass pre-commit and commit-msg hooks
   --dry-run              show what would be committed
   --short                show status concisely
   --branch               show branch information
   --ahead-behind         compute full ahead/behind values
   --porcelain            machine-readable output
   --long                 show status in long format (default)
   -z, --null             terminate entries with NUL
   --amend                amend previous commit
   --no-post-rewrite      bypass post-rewrite hook
   -u, --untracked-files[=<mode>]
                          show untracked files, optional modes: all, normal, no. (Default: all)
   --pathspec-from-file <file>
                          read pathspec from file
   --pathspec-file-nul    with --pathspec-from-file, pathspec elements are separated with NUL character
ubuntu@ip-172-31-44-119:~/chennaigit$
```

```
ubuntu@ip-172-31-44-119:~$ mkdir chennaigit
ubuntu@ip-172-31-44-119:~$ cd chennaigit
ubuntu@ip-172-31-44-119:~/chennaigit$ git init
hint: Using 'master' as the name for the initial branch. This default branch nam
e
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 /home/ubuntu/chennaigit/.git/
ubuntu@ip-172-31-44-119:~/chennaigit$ cat > code.txt
code.txt
created
^C
ubuntu@ip-172-31-44-119:~/chennaigit$ cat > output.txt
output.txt
created
^C
ubuntu@ip-172-31-44-119:~/chennaigit$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-44-119:~/chennaigit$ get add code.txt
Command 'get' not found, but there are 18 similar ones.
ubuntu@ip-172-31-44-119:~/chennaigit$ git add code.txt
ubuntu@ip-172-31-44-119:~/chennaigit$ git add output.txt
ubuntu@ip-172-31-44-119:~/chennaigit$ git status
On branch master

No commits yet

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

ubuntu@ip-172-31-44-119:~/chennaigit$
```

F

```
      -t, --template <file>
                        use specified template file
      -e, --edit        force edit of commit
      --cleanup <mode>  how to strip spaces and #comments from message
      --status          include status in commit message template
      -S, --gpg-sign[=<key-id>]
                        GPG sign commit

Commit contents options
      -a, --all         commit all changed files
      -i, --include     add specified files to index for commit
      --interactive     interactively add files
      -p, --patch       interactively add changes
      -o, --only        commit only specified files
      -n, --no-verify   bypass pre-commit and commit-msg hooks
      --dry-run         show what would be committed
      --short           show status concisely
      --branch          show branch information
      --ahead-behind    compute full ahead/behind values
      --porcelain       machine-readable output
      --long            show status in long format (default)
      -z, --null        terminate entries with NUL
      --amend           amend previous commit
      --no-post-rewrite bypass post-rewrite hook
      -u, --untracked-files[=<mode>]
                        show untracked files, optional modes: all, normal, no. (Default: all)
      --pathspec-from-file <file>
                        read pathspec from file
      --pathspec-file-nul  with --pathspec-from-file, pathspec elements are separated with NUL character
ubuntu@ip-172-31-44-119:~/chennaigit$ git commit -m "TAMIL"
[master (root-commit) 3f59af7] TAMIL
 Committer: Ubuntu <ubuntu@ip-172-31-44-119.eu-north-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

 2 files changed, 4 insertions(+)
 create mode 100644 code.txt
 create mode 100644 output.txt
ubuntu@ip-172-31-44-119:~/chennaigit$
```

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 ***

NarenGary ▾ / task2

✓ task2 is available.

Great repository names are short and memorable. Need inspiration? How about **congenial-octo-eureka** ?

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:

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

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. Learn more about ignoring files.

New personal access token (classic)

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

Note

What's this token for?

Expiration *

30 days   The token will expire on Fri, Jan 19 2024

Select scopes

Scopes define the access for personal tokens. Read more about OAuth scopes.

☐ **repo**   Full control of private repositories
  ☐ repo:status   Access commit status
  ☐ repo_deployment   Access deployment status
  ☐ public_repo   Access public repositories
  ☐ repo:invite   Access repository invitations
  ☐ security_events   Read and write security events

☐ **workflow**   Update GitHub Action workflows

☐ **write:packages**   Upload packages to GitHub Package Registry
  ☐ read:packages   Download packages from GitHub Package Registry

☐ **delete:packages**   Delete packages from GitHub Package Registry

GitHub Apps
OAuth Apps
Personal access tokens
  Fine-grained tokens (Beta)
  Tokens (classic)

ubuntu@ip-172-31-44-119: ~/chennaigit

Using username "ubuntu".
Authenticating with public key "GITHUB" from agent
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1017-aws x86_64)

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

  System information as of Wed Dec 20 14:15:27 UTC 2023

  System load: 0.0   Processes: 104
  Usage of /:   20.8% of 7.57GB   Users logged in: 1
  Memory usage: 22%   IPv4 address for ens5: 172.31.44.119
  Swap usage: 0%

 * Ubuntu Pro delivers the most comprehensive open source security and
   compliance features.

   https://ubuntu.com/aws/pro

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

Last login: Wed Dec 20 14:00:12 2023 from 49.37.200.213
ubuntu@ip-172-31-44-119:~$ cd chennai
-bash: cd: chennai: No such file or directory
ubuntu@ip-172-31-44-119:~$ cd chennaigit
ubuntu@ip-172-31-44-119:~/chennaigit$ git remote set-url origin https://github.com/NarenGary/task2.git
ubuntu@ip-172-31-44-119:~/chennaigit$ git push origin master
Username for 'https://github.com': NarenGary
Password for 'https://NarenGary@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), 308 bytes | 308.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/NarenGary/task2.git
 * [new branch]   master -> master
ubuntu@ip-172-31-44-119:~/chennaigit$

NarenGary / task2

<> Code   ⊙ Issues   ⇅ Pull requests   ⊙ Actions   ⊞ Projects   ⊙ Security   ⌇ Insights   ⚙ Settings

task2 Private

⊙ Unwatch 1 ▾   Fork 0 ▾   ☆ Star 0 ▾

⑁ master ▾   ⑁ 1 Branch   ⬡ 0 Tags   Q Go to file   Add file ▾   <> Code ▾

Ⓤ Ubuntu TAMIL   3f59af7 · 1 hour ago   ⊙ 1 Commits

code.txt   TAMIL   1 hour ago
output.txt   TAMIL   1 hour ago

README

Add a README

Add a README with an overview of your project.

Add a README

About   ⚙
No description, website, or topics provided.
⊸ Activity
☆ 0 stars
⊙ 1 watching
⑁ 0 forks

Releases
No releases published
Create a new release

Packages
No packages published
Publish your first package