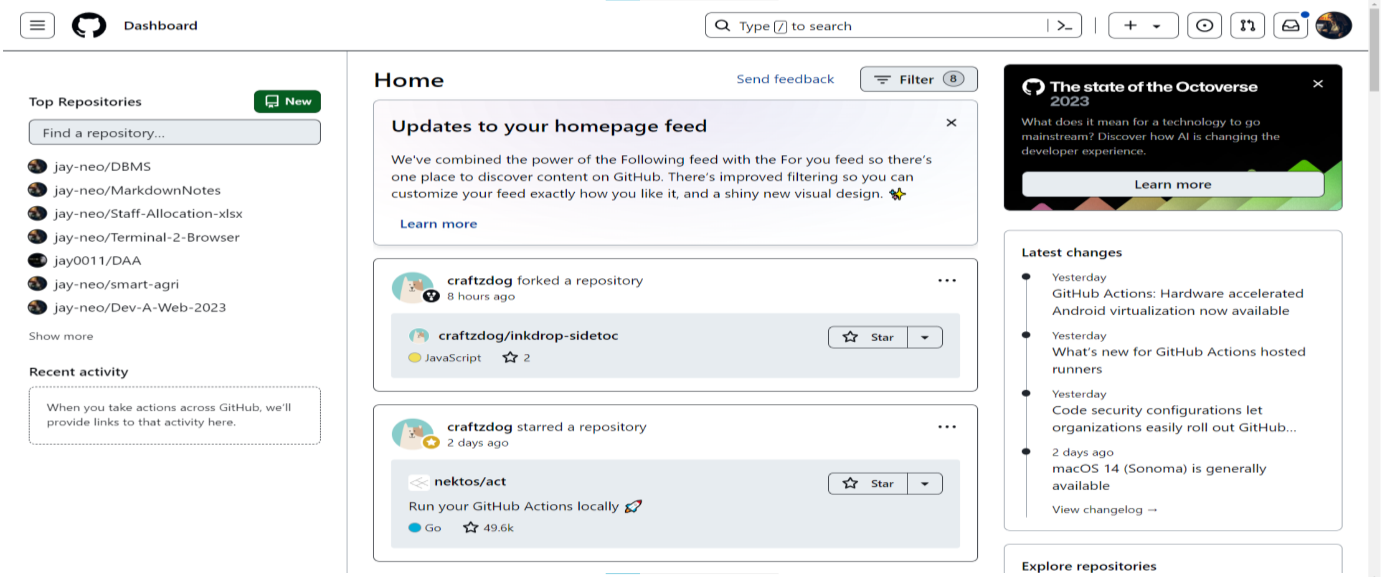
Assignment: 08

Problem Statement: Deploy a project from local machine to GitHub and vice versa.

Procedure:

Step 1: Login to your GitHub account and create a new repository & make it public.



Top Repositories

Find a repository...

- jay-neo/DBMS
- jay-neo/MarkdownNotes
- jay-neo/Staff-Allocation-xlsx
- jay-neo/Terminal-2-Browser
- jay0011/DAA
- jay-neo/smart-agri
- jay-neo/Dev-A-Web-2023

Show more

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Home

Send feedback

Updates to your homepage feed

We've combined the power of the Following feed with the For you feed so there's one place to discover content on GitHub. There's improved filtering so you can customize your feed exactly how you like it, and a shiny new visual design.

Learn more

craftzdog forked a repository
8 hours ago

craftzdog/inkdrop-sidetoc
JavaScript 2

craftzdog starred a repository
2 days ago

nektos/act
Run your GitHub Actions locally
Go 49.6k

The state of the Octoverse 2023

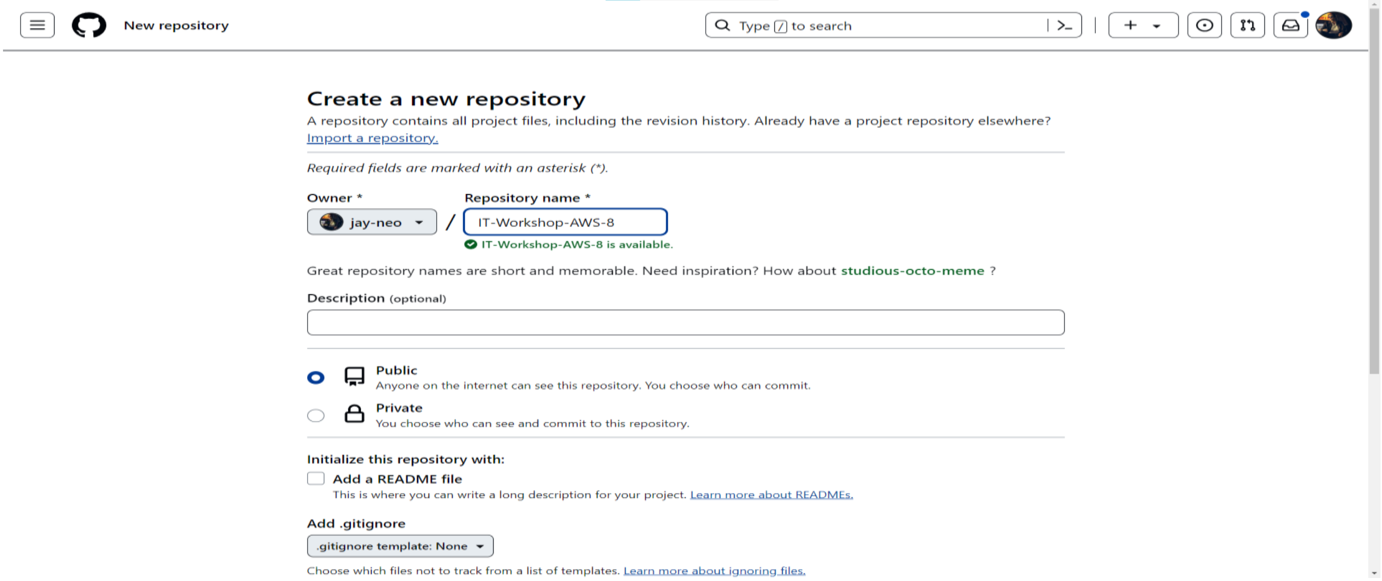
What does it mean for a technology to go mainstream? Discover how AI is changing the developer experience.

Latest changes

- Yesterday
  GitHub Actions: Hardware accelerated Android virtualization now available
- Yesterday
  What's new for GitHub Actions hosted runners
- Yesterday
  Code security configurations let organizations easily roll out GitHub...
- 2 days ago
  macOS 14 (Sonoma) is generally available

View changelog →

Explore repositories



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 *: jay-neo / Repository name *: IT-Workshop-AWS-8

IT-Workshop-AWS-8 is available.

Great repository names are short and memorable. Need inspiration? How about studious-octo-meme ?

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.

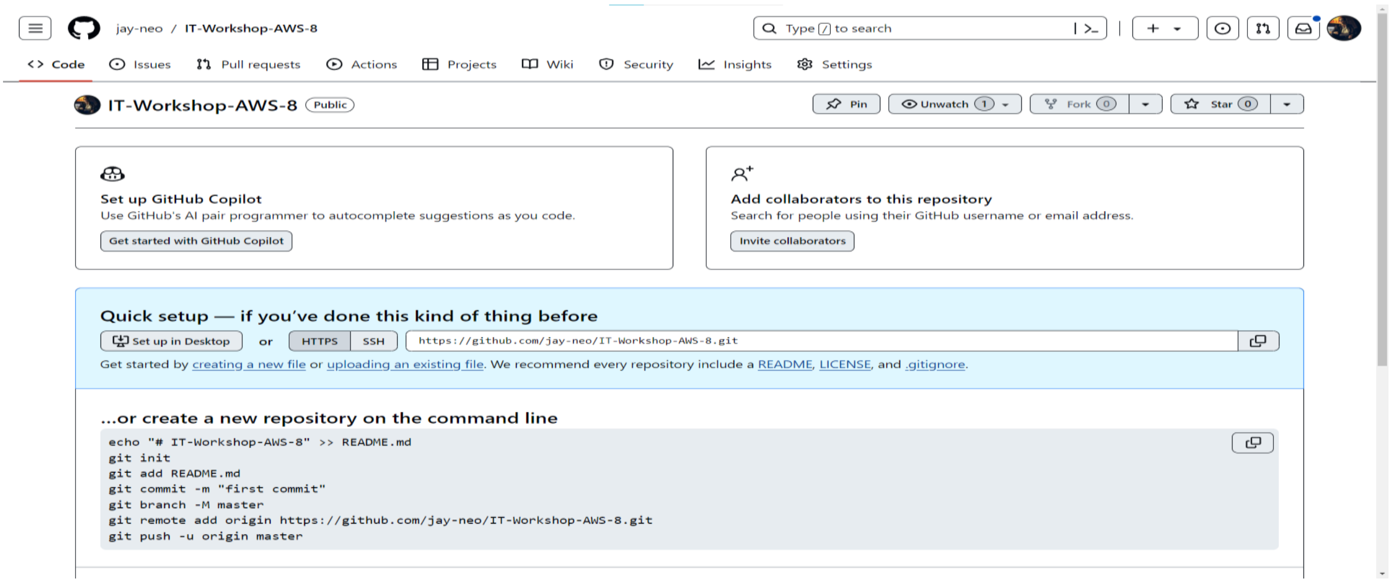
Initialize this repository with:

□ 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.



IT-Workshop-AWS-8 Public

Set up GitHub Copilot
Use GitHub's AI pair programmer to autocomplete suggestions as you code.

Add collaborators to this repository
Search for people using their GitHub username or email address.

Quick setup — if you've done this kind of thing before

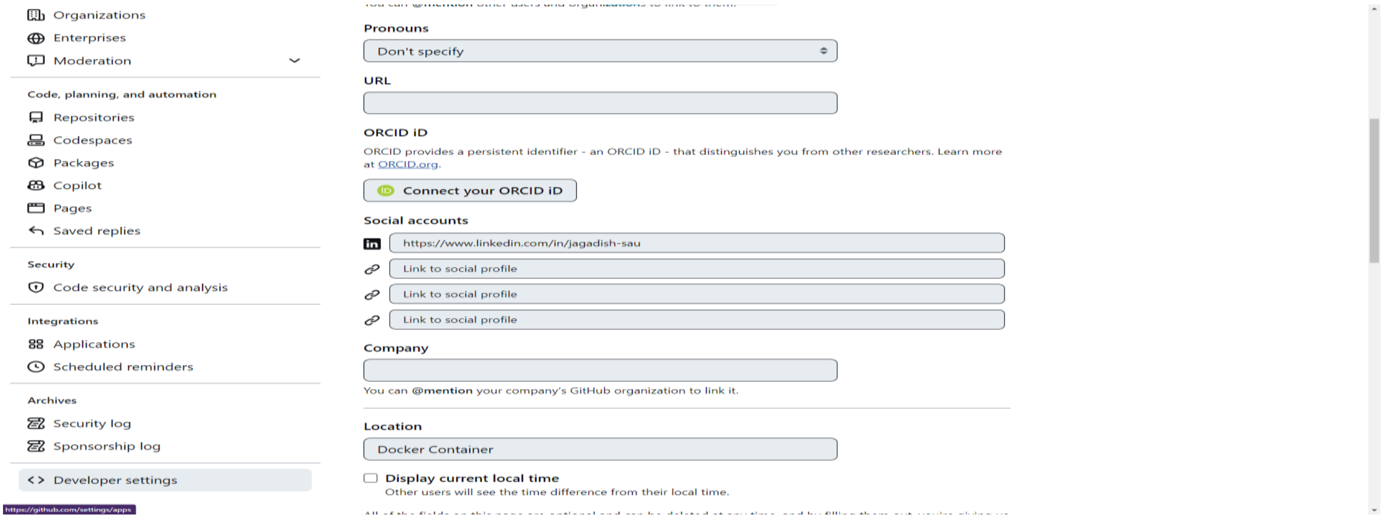
Set up in Desktop or HTTPS SSH https://github.com/jay-neo/IT-Workshop-AWS-8.git

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

...or create a new repository on the command line

```
echo "# IT-Workshop-AWS-8" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M master
git remote add origin https://github.com/jay-neo/IT-Workshop-AWS-8.git
git push -u origin master
```

Step 2: After creating new repository, go to Settings → Developer Options → Personal Access Token → Token (Classic) → Generate new token (classic)
Give a note name about new token and check all the boxes and set Expiration: 30 days and generate token.



Organizations
Enterprises
Moderation

Code, planning, and automation
Repositories
Codespaces
Packages
Copilot
Pages
Saved replies

Security
Code security and analysis

Integrations
Applications
Scheduled reminders

Archives
Security log
Sponsorship log

Developer settings

https://github.com/settings/apps

Pronouns
Don't specify

URL

ORCID iD
ORCID provides a persistent identifier - an ORCID iD - that distinguishes you from other researchers. Learn more at ORCID.org.

Connect your ORCID iD

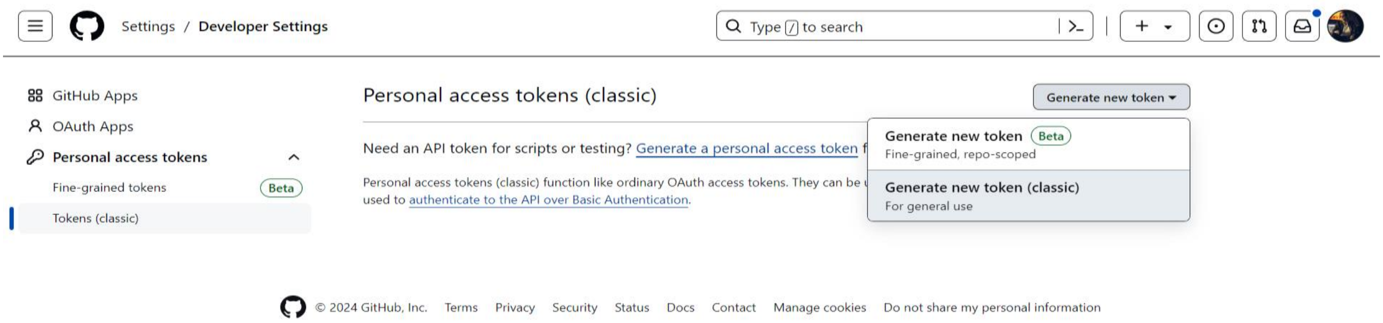
Social accounts
https://www.linkedin.com/in/jagadish-sau
Link to social profile
Link to social profile
Link to social profile

Company

You can @mention your company's GitHub organization to link it.

Location
Docker Container

□ Display current local time
Other users will see the time difference from their local time.



Settings / Developer Settings

Type / to search

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

Personal access tokens (classic)

Generate new token

Need an API token for scripts or testing? Generate a personal access token f

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be u used to authenticate to the API over Basic Authentication.

Generate new token Beta
Fine-grained, repo-scoped

Generate new token (classic)
For general use

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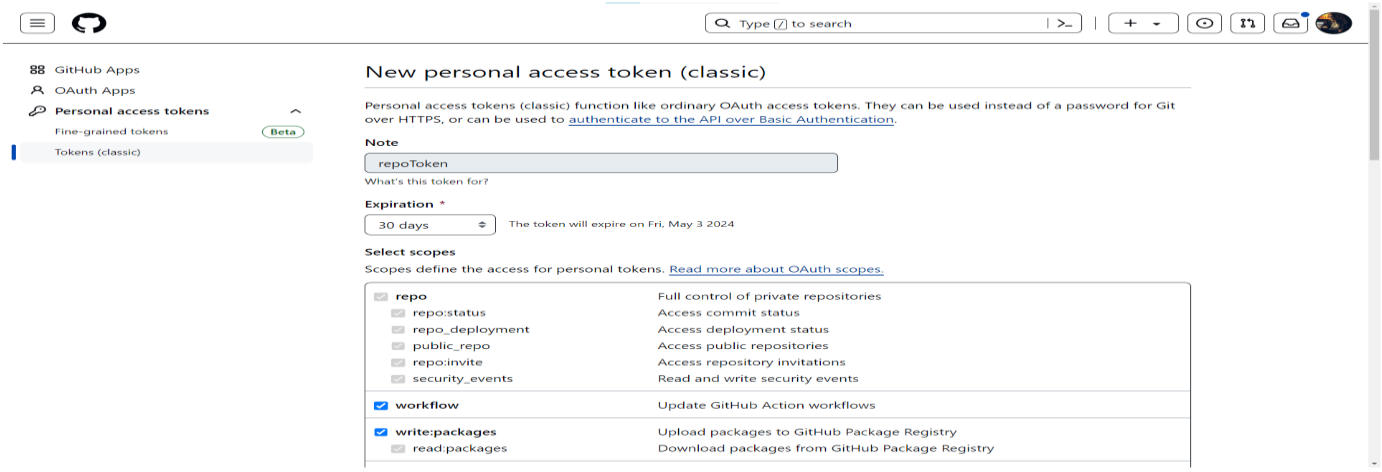


Type / to search

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

New personal access token (classic)

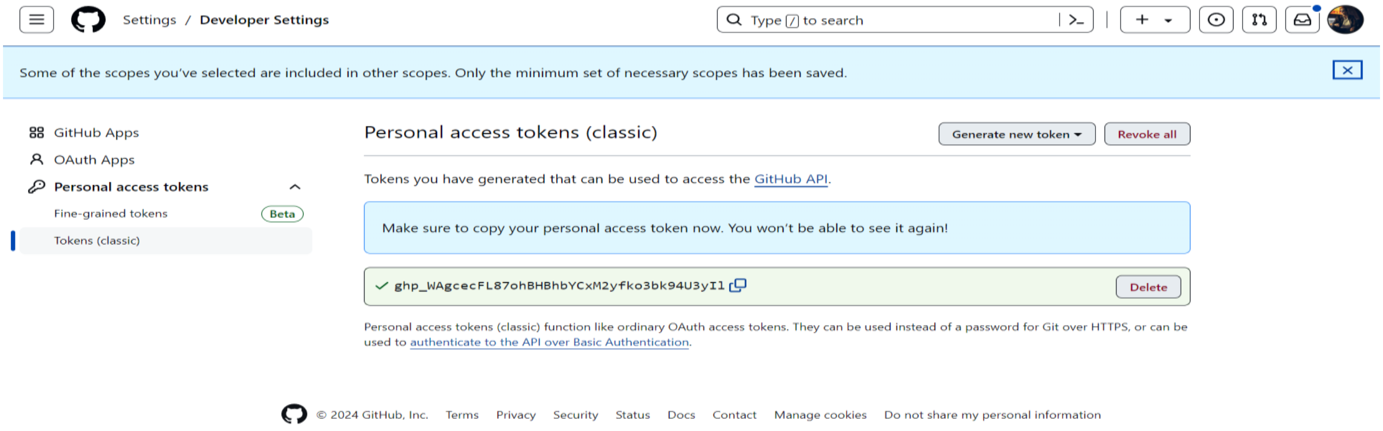
Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

Note
repoToken
What's this token for?

Expiration *
30 days The token will expire on Fri, May 3 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



Settings / Developer Settings

Type / to search

Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.

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

Personal access tokens (classic)

Generate new token Revoke all

Tokens you have generated that can be used to access the GitHub API.

Make sure to copy your personal access token now. You won't be able to see it again!

✓ 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

Delete

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.

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Step 3: Go to your local machine (Linux) and make sure git is installed. Next the following commands are the required for the initialize new git repositroy in ou local machine and upload local repository into github platform using git cli via https protocol with pre-generated token.

- `git init`
- `git add .`
- `git commit -m “<your massage here>”`
- `git remote add <remote> https://<username>:<token>@github.com/<username>/<repo>.git`
- `git push -u <remote> <branch>`

From our local machine: To upload repository in GitHub

```
jay@neo:~/temp/aws-8$ ll
total 8
drwxr-xr-x 2 jay jay 4096 Apr  3 20:18 ./
drwxr-xr-x 4 jay jay 4096 Apr  3 19:35 ../
jay@neo:~/temp/aws-8$ cat > index.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Home : AWS</title>
</head>
<body>
  <div align="center">
    <h1>Home</h1>
  </div>
  <p align="center">
    <a href="./terms.html">Terms and Condition</a> |
    <a href="./about.html">About</a>
  </p>
</body>
</html>
jay@neo:~/temp/aws-8$ cat > about.html
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title>About : AWS</title>
  </head>
  <body>
    <div align="center">
      <h1>About</h1>
    </div>
    <p align="center">
      <a href="./index.html">Home</a> |
      <a href="./terms.html">Terms & Condition</a>
    </p>
  </body>
</html>
jay@neo:~/temp/aws-8$ cat > terms.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Terms and Condition : AWS</title>
</head>
<body>
    <div align="center">
        <h1>Term and Condition</h1>
    </div>
    <p align="center">
        <a href="./index.html">Home</a> |
        <a href="./about.html">About</a>
    </p>
```

```
</body>
</html>
jay@neo:~/temp/aws-8$
jay@neo:~/temp/aws-8$ cat ~/.gitconfig
[init]
        defaultBranch = master
[user]
        name = jay-neo
        email = jsau5337@gmail.com
jay@neo:~/temp/aws-8$
jay@neo:~/temp/aws-8$ git init
Initialized empty Git repository in /home/jay/temp/aws-8/.git/
jay@neo:~/temp/aws-8$ git add .
jay@neo:~/temp/aws-8$ git commit -m "AWS Assignment-8"
[master (root-commit) 6394428] AWS Assignment-8
 3 files changed, 50 insertions(+)
 create mode 100644 about.html
 create mode 100644 index.html
 create mode 100644 terms.html
jay@neo:~/temp/aws-8$
jay@neo:~/temp/aws-8$ git remote add origin https://jay-neo: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@github.com/jay-neo/IT-Workshop-AWS-8.git
jay@neo:~/temp/aws-8$
jay@neo:~/temp/aws-8$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 862 bytes | 862.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jay-neo/IT-Workshop-AWS-8.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
jay@neo:~/temp/aws-8$
```

From our local machine: To download public repository from GitHub

```
jay@neo:~/temp$ git clone https://github.com/sudip7407/Repo1.git
Cloning into 'Repo1'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 10 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), 49.46 KiB | 582.00 KiB/s, done.
Resolving deltas: 100% (1/1), done.
jay@neo:~/temp/aws-8$
```