

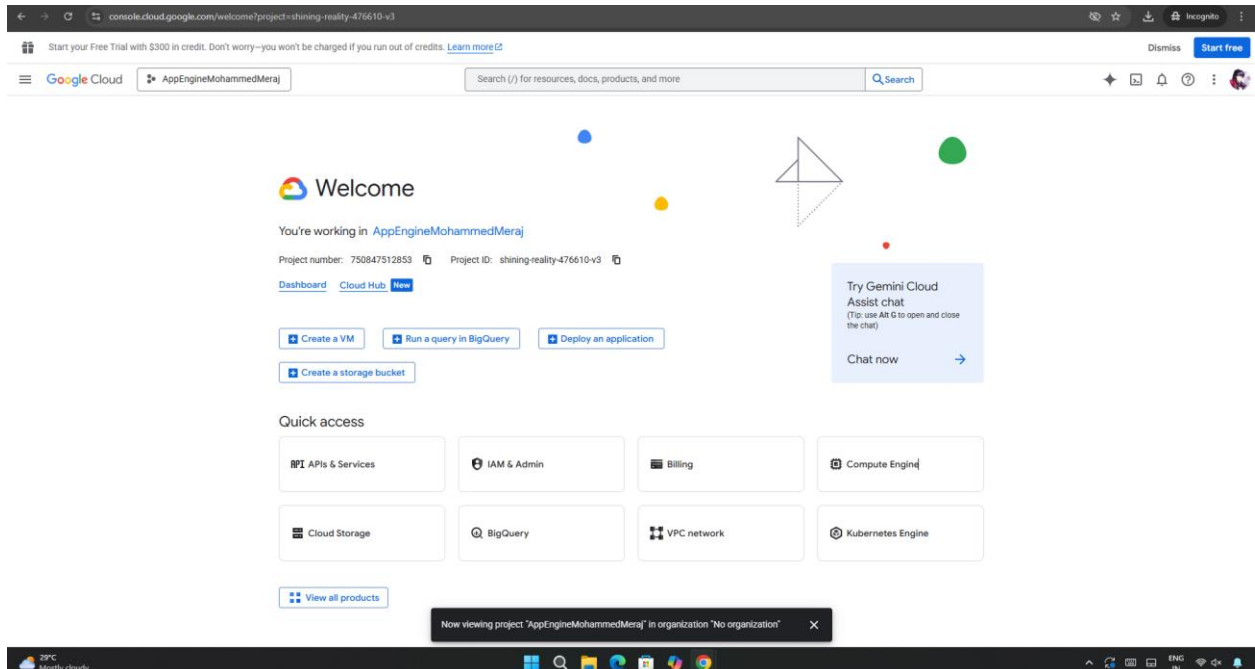


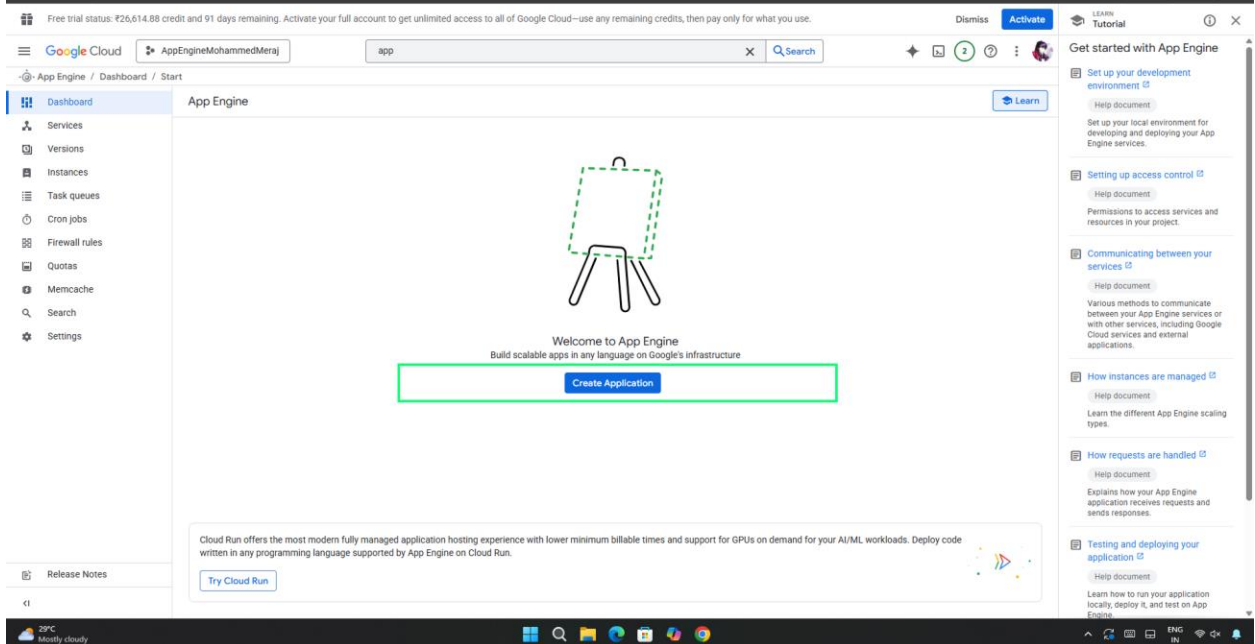
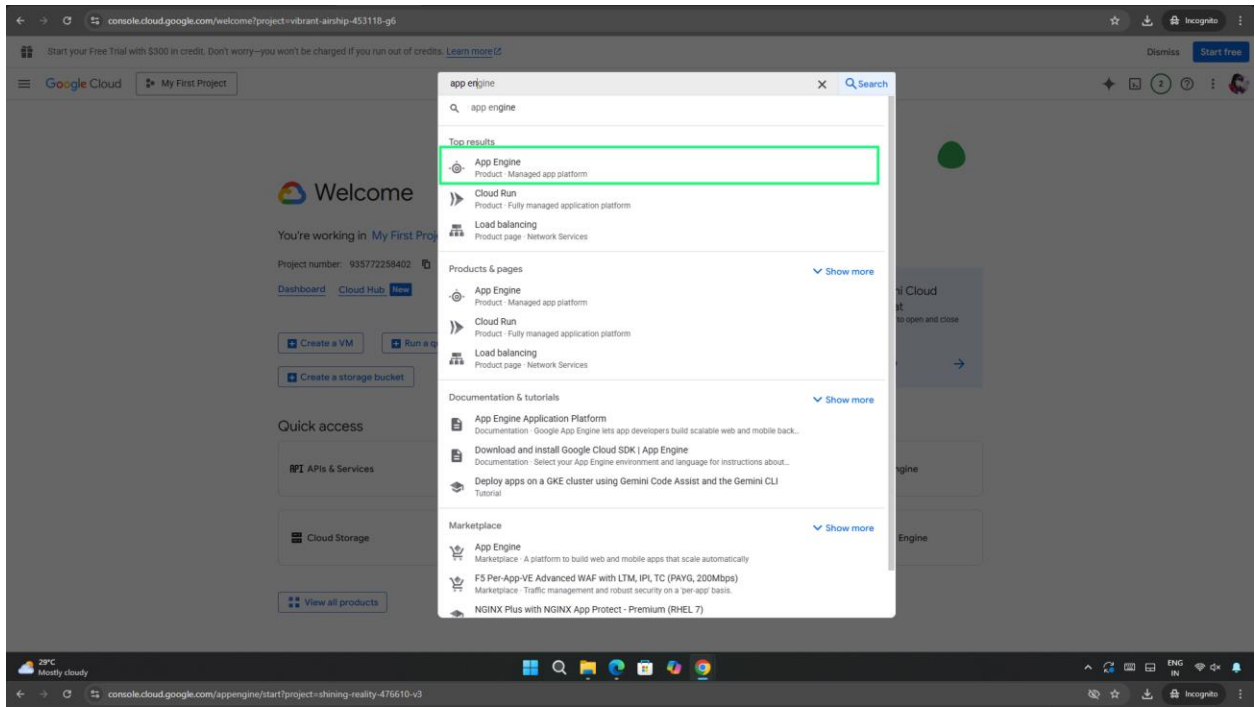
Shri. Vile Parle Kelavani Mandal's
Institute of Technology, Dhule

Survey No. 499, Plot No.2, Behind Gurudwara, Mumbai Agra Highway, Dhule (MS)

Name:- Mohammed Meraj Mohammed Ashfaque	Sign :-
Roll no:- 41 Date :-	
Branch :-Final Year B.Tech (Computer Department)	Remark :-
Exp. No:-05	
Subject:- Cloud Computing Lab	

Aim : Implement and configure google app engine to deploy python program application





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Google CloudAppEngineMohammedMerajapp

App Engine / Dashboard / Start / Create


DashboardServicesVersionsInstancesTask queuesCron jobsFirewall rulesQuotasMemcacheSearchSettings

Create app

1 Configure application — 2 Get started

Region

Select a region for your App Engine application. Please remember, once selected the region is permanently tied to the project.



Select a region *
us-central

Identity and API access

Select a service account

If no service account is selected the default App Engine service account will be used.

Next

Get started with App Engine

Set up your development environment

Setting up access control

Communicating between your services

How instances are managed

How requests are handled

Testing and deploying your application

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App Engine / Dashboard / Start / Get started

DashboardServicesVersionsInstancesTask queuesCron jobsFirewall rulesQuotasMemcacheSearchSettings

Get started

✓ Your App Engine application has been created. Choose the deployment method that works best for you.

Resources

Language
Python

Environment
Standard

Read App Engine Python Standard Environment Documentation

Visit GitHub for Python Standard Environment code samples.

Deploy with Google Cloud SDK

Download the Cloud SDK

Initialize your SDK

\$ gcloud init

Deploy to App Engine

\$ gcloud app deploy

Build web applications in any language, any framework supported by App Engine on Cloud Run. Cloud Run supports a variety of workloads from simple functions to powerful services and jobs.

Try Cloud Run

heavy rain today

console.cloud.google.com/appengine/start/reception?project=shining-reality-476610-v3

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App Engine / Dashboard / Start / Get started

Dashboard Services Versions Instances Task queues Cron jobs Firewall rules Quotas Memcache Search Settings

Get started

Your App Engine application has been created. Choose the language and environment for your application.

Resources

Language: Python Environment: Standard

Read App Engine Python Standard Environment [Documentation](#). Visit [GitHub](#) for Python Standard Environment code samples.

Build web applications in any language, any framework supported by App Engine on Cloud Run. Cloud Run supports a variety of workloads from simple functions to powerful services and jobs.

Try Cloud Run

Release Notes

app engine ad

Top results

- App Engine Admin API Marketplace: Provisions and manages developers' App Engine applications.
- Mapping custom domains - App Engine Documentation: To use a custom domain, map the domain to your app, then update your DNS...
- Cloud Endpoints Marketplace: Develop, deploy and manage APIs on any Google Cloud backend

Documentation & tutorials

- App Engine Application Platform Documentation: Google App Engine lets app developers build scalable web and mobile back...
- Roles that grant access to App Engine Documentation: The following types of roles grant access to App Engine. You can use basic...
- Mapping custom domains - App Engine Documentation: To use a custom domain, map the domain to your app, then update your DNS...

Marketplace

- App Engine Marketplace: A platform to build web and mobile apps that scale automatically
- App Engine Admin API Marketplace: Provisions and manages developers' App Engine applications.
- Cloud Datastore Marketplace: A highly-scalable NoSQL database for your web and mobile applications

Showing resource results for AppEngineMohammedMeraj only

console.cloud.google.com/marketplace/product/google/appengine.googleapis.com?search=referrer=search&project=shining-reality-476610-v3

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Google Cloud AppEngineMohammedMeraj

Product details

App Engine Admin API

Google Enterprise API

Provisions and manages developers' App Engine applications.

Enable Try this API

Overview Documentation Related Products

Overview

Provisions and manages developers' App Engine applications.

Additional details

Type: [SaaS & APIs](#)

Last product update: 7/22/22

Category: [Compute](#), [Google Enterprise APIs](#)

Service name: appengine.googleapis.com

Tutorials and documentation

[Learn more](#)

Terms of Service

By using this product you agree to the terms and conditions of the following license: [Google Cloud Platform](#).

console.cloud.google.com/apis/api/appengine.googleapis.com/metrics?project=shining-reality-476610-v3

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APIs & Services API/Service Details Disable API

Enabled APIs & services

- Library
- Credentials
- OAuth consent screen
- Page usage agreements

To call this API from your own applications, you may need to create credentials. [Create credentials](#)

App Engine Admin API

Provisions and manages developers' App Engine applications.

By Google Enterprise API

Service name appengine.googleapis.com	Type Public API	Status Enabled	Documentation Learn more	Explore Try in API Explorer
--	--------------------	-------------------	---	--

Metrics Quotas & System Limits Credentials

Select Graphs 4 Graphs

1 hour 6 hours 12 hours 1 day 2 days 4 days 7 days 14 days 30 days

Filters: Versions v1, v1alpha, and v1beta Credentials Unspecified, Anonymou... Methods 88 options selected

Traffic by response code

No data is available for the selected time frame.

UTC+8:30 Oct 1 Oct 2 Oct 3 Oct 4 Oct 5 Oct 6 Oct 7 Oct 8 Oct 9 Oct 10 Oct 11 Oct 12 Oct 13 Oct 14 Oct 15 Oct 16 Oct 17 Oct 18 Oct 19 Oct 20 Oct 21 Oct 22 Oct 23 Oct 24 Oct 25 Oct 26 Oct 27 Oct 28 Oct 29

Very humid Now

console.cloud.google.com/apis/api/appengine.googleapis.com/quotas?project=shining-reality-476610-v3&cloudshell=true

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APIs & Services API/Service Details Disable API

Enabled APIs & services

- Library
- Credentials
- OAuth consent screen

App Engine

Google App Engine Reporting Service

By Google

Service name appengine.googleapis.com	Type Public API	Status Enabled	Documentation Learn more
--	--------------------	-------------------	---

21°C Partly sunny

console.cloud.google.com/apis/appenginereporting.googleapis.com/quotas?project=shining-reality-476610-v3&cloudshell=true

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Dismiss [Start free](#)

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APIs & Services API/Service Details Disable API

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App Engine

Google App Engine Reporting Service


By Google

Service name	Type	Status	Documentation
appenginereporting.googleapis.com	Public API	Enabled	Learn more

CLOUD SHELL Terminal

Connecting...

Open Editor



Develop cloud-native applications

Cloud Shell brings all the goodness of Cloud Code to your browser. Create Kubernetes and Cloud Run applications, develop, debug, and deploy them, and monitor and manage your Cloud resources all from your browser.

Provisioning your Cloud Shell machine

Connecting to your Cloud Shell instance

24°C Partly sunny

Windows taskbar

MohammedMeraj / LP2_Program

Q Type to search

ENG IN

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main LP2_Program /

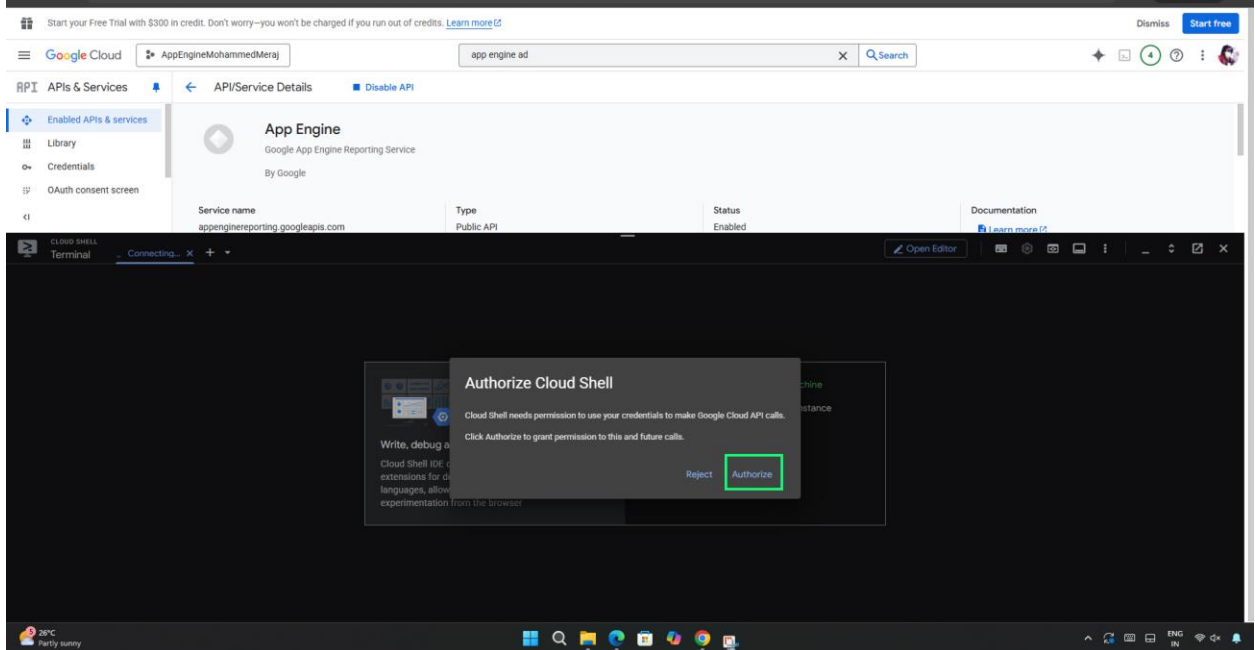
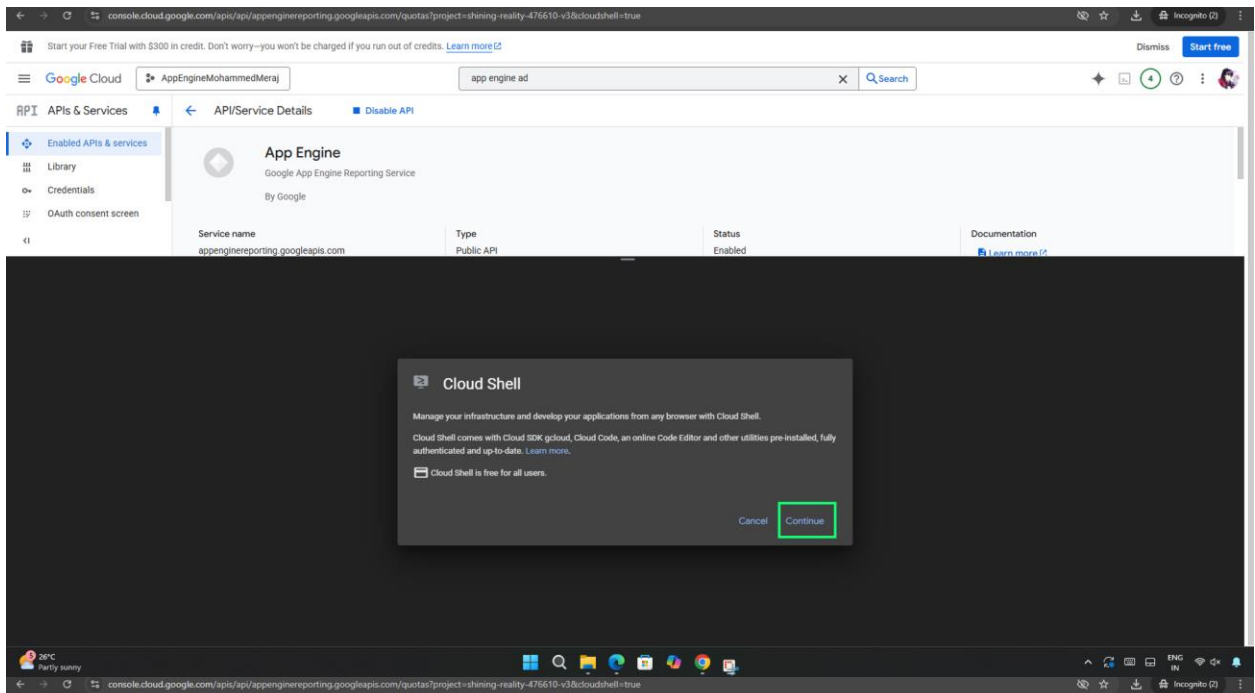
Go to file Add file

MohammedMeraj Add infinite loop to print message every second 6be18fe · now History

Name	Last commit message	Last commit date
program_by_meraj.py	Add infinite loop to print message every second	now

24°C Partly sunny

Windows taskbar



console.cloud.google.com/apis/api/appenginereporting.googleapis.com/quotas/project-shining-reality-476610-v3&cloudshell=true

Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

Dismiss [Start free](#)

Google Cloud

AppEngineMohammedMeraj

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Search

APIs & Services

API/Service Details

Disable API

Enabled APIs & services

Library

Credentials

OAuth consent screen

App Engine

Google App Engine Reporting Service

By Google

Service name

appenginereporting.googleapis.com

Type

Public API

Status

Enabled

Documentation

[Learn more](#)

CLOUD SHELL

Terminal

(shining-reality-476610-v3)

+

+

Gemini CLI is available in Cloud Shell terminal! Type `gemini` to try it. [Learn more](#)

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

Welcome to Cloud Shell! Type `"help"` to get started, or type `"gemini"` to try prompting with Gemini CLI.
Your Cloud Platform project in this session is set to `shining-reality-476610-v3`.
Use `"gcloud config set project [PROJECT_ID]"` to change to a different project.

shining-reality-476610-v3

26°C

Partly sunny

github.com/new

Search

Incognito (2)

New repository

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*)

1 General

Owner *

MohammedMeraj

Repository name *

LP2_Program

LP2_Program is available.

Great repository names are short and memorable. How about `cuddly-pancake`?

Description

0 / 350 characters

2 Configuration

Choose visibility *

Choose who can see and commit to this repository

Private

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

ON

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore

Add license

Licenses explain how others can use your code. [About licenses](#)

No license

3 Jumpstart your project with Copilot (optional)

Tell Copilot what you want to build in this repository. After creation, Copilot will open a pull request with generated files - such as a basic app, starter code, or other features you describe - then request your review when it's ready. [About Copilot coding agent](#)

Prompt

github.com/MohammedMeraj/LP2_Program

CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

LP2_ProgramPrivate

Watch0Fork0Star0

Start coding with Codespaces

Add a README file and start coding in a secure, configurable, and dedicated development environment.

Create a codespace

Add collaborators to this repository

Search for people using their GitHub username or email address.

Invite collaborators

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

Set up in DesktoporHTTPSSSHhttps://github.com/MohammedMeraj/LP2_Program.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 "# LP2_Program" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/MohammedMeraj/LP2_Program.git
git push -u origin main

...or push an existing repository from the command line

git remote add origin https://github.com/MohammedMeraj/LP2_Program.git
git branch -M main
git push -u origin main

ProTip! Use the URL for this page when adding GitHub as a remote.

26°CPartly sunny

ENGIN

github.com/MohammedMeraj/LP2_Program/new/main

Incognito (2)

MohammedMeraj / LP2_Program

Search

CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

LP2_Program

program_by_meraj.py

in main

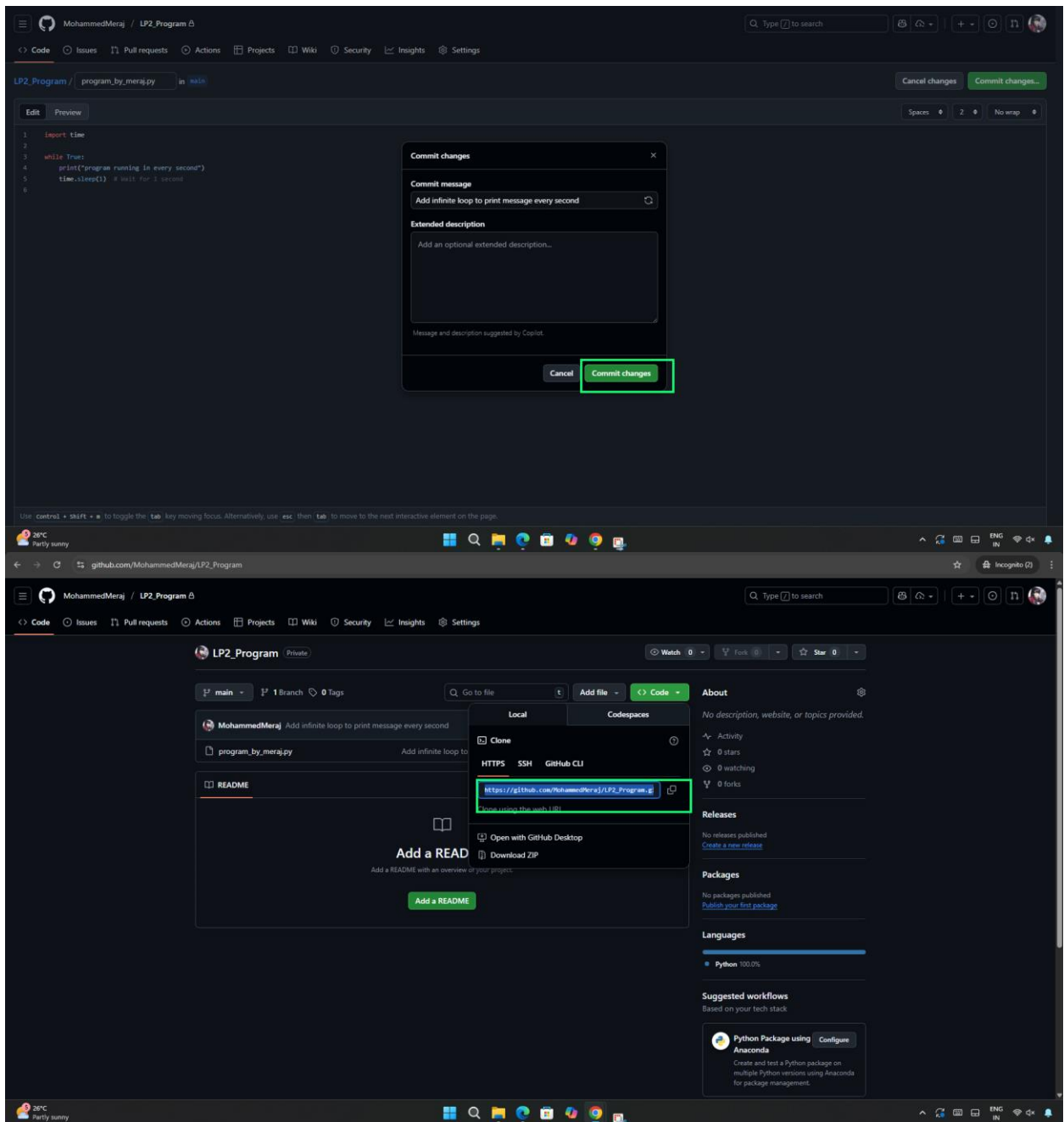
Cancel changesCommit changes...

EditPreview

1import time
2
3while True:
4 print("program running in every second")
5 time.sleep(1) # wait for 1 second
6

Spaces2No wrap

Use **Control** + **Shift** + **Tab** to toggle the **Tab** key moving focus. Alternatively, use **esc**, then **Tab** to move to the next interactive element on the page.



The screenshot displays the Google Cloud console interface. At the top, the 'App Engine' service is selected, showing details for 'appengine-reporting-googleapis.com'. Below this, the 'Terminal' tab is active, showing a series of commands and their outputs. The commands include cloning a repository, installing dependencies, and running a Python program. The output shows the program running successfully. The bottom of the terminal shows the command to run the program as an administrator.

The screenshot displays the Google Cloud console interface. At the top, there's a navigation bar with the Google Cloud logo and a search bar. Below this, the 'APIs & Services' section is active, showing 'App Engine' details. The 'Service name' is 'appengine-reporting-googleapis.com', and the 'Type' is 'Public API'. The 'Status' is 'Enabled'. A 'Terminal' window is open at the bottom, showing a 'git clone' command being executed. The terminal output indicates that the repository 'https://github.com/MohammedMera/LP2_Program.git' was successfully cloned into the 'LP2_Program' directory. The terminal window also shows the current directory structure and the contents of the 'LP2_Program' directory.

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APIs & Services API/Service Details Disable API

Enabled APIs & services Library Credentials OAuth consent screen

App Engine Google App Engine Reporting Service By Google

Service name	Type	Status	Documentation
appengine.googleapis.com	Public API	Enabled	Learn more

CLOUD SHELL Terminal (shining-reality-476610-v3) x +

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

```
Username for 'https://github.com': mdcmin7517@gmail.com
Password for 'https://mdcmin75174@gmail.com:github.com':
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/MohammedMeraj/LP2_Program.git/'
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ git clone https://github.com/MohammedMeraj/LP2_Program.git
Cloning into 'LP2_Program'...
Username for 'https://github.com': mdcmin7517@gmail.com
Password for 'https://mdcmin75174@gmail.com:github.com':
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/MohammedMeraj/LP2_Program.git/'
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ git clone https://github.com/MohammedMeraj/LP2_Program.git
Cloning into 'LP2_Program'...
Username for 'https://github.com': MohammedMeraj
Password for 'https://github.com': MohammedMeraj
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/MohammedMeraj/LP2_Program.git/'
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ git clone https://github.com/MohammedMeraj/LP2_Program.git
Cloning into 'LP2_Program'...
Username for 'https://github.com': MohammedMeraj
Password for 'https://github.com': MohammedMeraj
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/MohammedMeraj/LP2_Program.git/'
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ git clone https://github.com/MohammedMeraj/LP2_Program.git
Cloning into 'LP2_Program'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ cd LP2_Program
LP2_Program README-cloudshell.txt
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ cd LP2_Program
mdcmin7517@cloudshell: /LP2_Program (shining-reality-476610-v3) $
```

Upcoming Earnings

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APIs & Services API/Service Details Disable API

Enabled APIs & services Library Credentials OAuth consent screen

App Engine Google App Engine Reporting Service By Google

Service name	Type	Status	Documentation
appengine.googleapis.com	Public API	Enabled	Learn more

CLOUD SHELL Terminal (shining-reality-476610-v3) x +

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

```
remote: Invalid username or token. Password authentication is not supported for Git operations.
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Cloning into 'LP2_Program'...
Username for 'https://github.com': mdcmin7517@gmail.com
Password for 'https://mdcmin75174@gmail.com:github.com':
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Cloning into 'LP2_Program'...
Username for 'https://github.com': MohammedMeraj
Password for 'https://github.com': MohammedMeraj
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/MohammedMeraj/LP2_Program.git/'
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ git clone https://github.com/MohammedMeraj/LP2_Program.git
Cloning into 'LP2_Program'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ cd LP2_Program
LP2_Program README-cloudshell.txt
mdcmin7517@cloudshell: (shining-reality-476610-v3) $ cd LP2_Program
mdcmin7517@cloudshell: /LP2_Program (shining-reality-476610-v3) $
```

Trending videos A knight of the...

CC