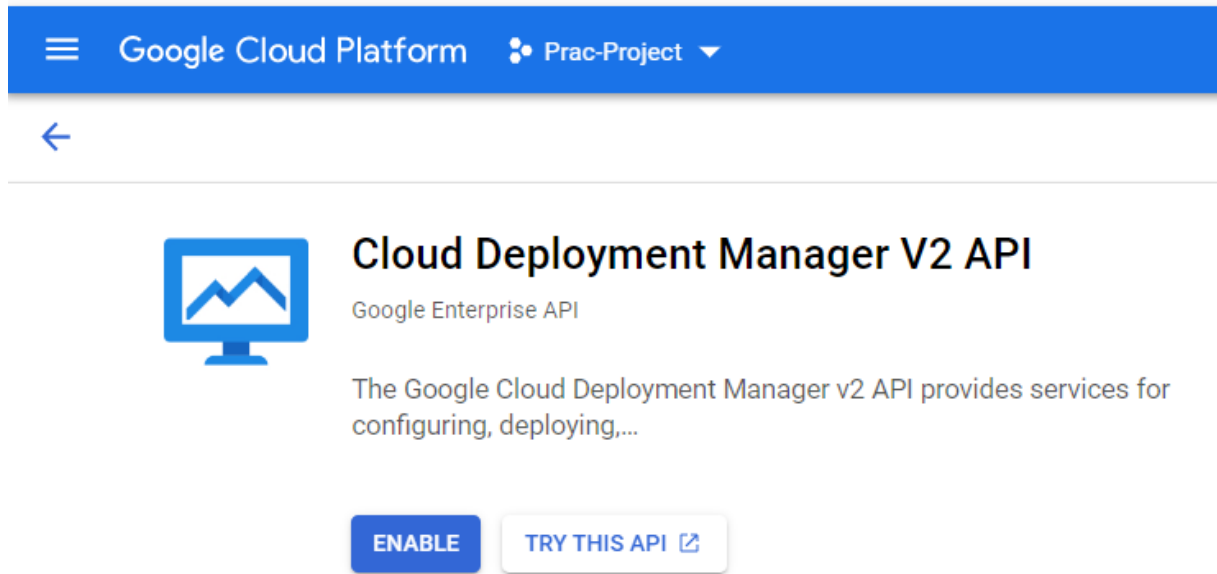


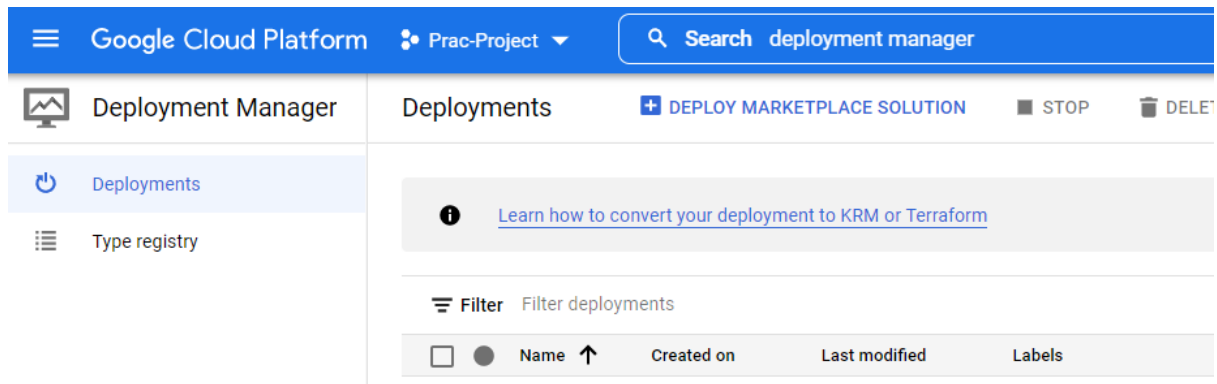
## Module 8----- Assignment

Go to deployment manager.



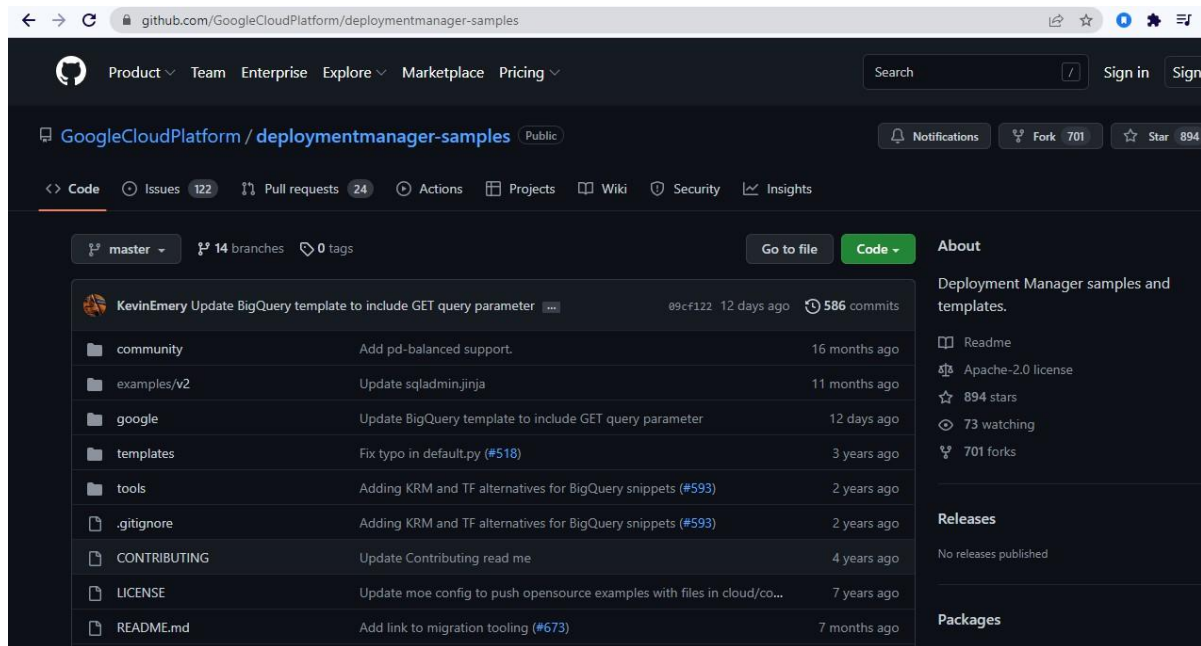
The screenshot shows the Google Cloud Platform console interface. At the top, there is a blue header bar with the Google Cloud Platform logo, the project name 'Prac-Project', and a dropdown arrow. Below the header, there is a left sidebar with a blue arrow icon. The main content area displays the 'Cloud Deployment Manager V2 API' page. It features a blue icon of a monitor with a line graph, the title 'Cloud Deployment Manager V2 API', and the text 'Google Enterprise API'. Below this, a description states: 'The Google Cloud Deployment Manager v2 API provides services for configuring, deploying,...'. At the bottom of the page, there are two buttons: a blue 'ENABLE' button and a white 'TRY THIS API' button with an external link icon.

Enable API.



The screenshot shows the Google Cloud Platform console interface. At the top, there is a blue header bar with the Google Cloud Platform logo, the project name 'Prac-Project', and a search bar containing 'deployment manager'. Below the header, there is a left sidebar with a blue icon of a monitor, the text 'Deployment Manager', and a list of items: 'Deployments' (highlighted with a blue background), and 'Type registry'. The main content area displays the 'Deployments' page. It features a blue icon of a monitor, the title 'Deployments', and a blue button with a plus sign and the text 'DEPLOY MARKETPLACE SOLUTION'. Below this, there is a grey box with an information icon and the text 'Learn how to convert your deployment to KRM or Terraform'. At the bottom of the page, there is a table with the following columns: 'Name' (with an upward arrow icon), 'Created on', 'Last modified', and 'Labels'. The table is currently empty.

Clone this repository.



Go to cloud shell and clone the repo.

```
<|
Name ↑ Created on Last modified Labels
CLOUD SHELL
Terminal (prac-project-351313) x +
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to prac-project-351313.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
arpitacs0024@cloudshell:~ (prac-project-351313) $ git clone https://github.com/GoogleCloudPlatform/deploymentmanager-samples
Cloning into 'deploymentmanager-samples'...
remote: Enumerating objects: 6369, done.
remote: Counting objects: 100% (131/131), done.
remote: Compressing objects: 100% (94/94), done.
remote: Total 6369 (delta 51), reused 94 (delta 31), pack-reused 6238
Receiving objects: 100% (6369/6369), 2.40 MiB | 3.52 MiB/s, done.
Resolving deltas: 100% (3557/3557), done.
arpitacs0024@cloudshell:~ (prac-project-351313) $
```

Go inside the folder.

```
CLOUD SHELL
Terminal (prac-project-351313) x +
$cd deploymentmanager-samples/examples/v2/quick_start/
$
```

Edit the vm.yaml file and change project ID.

```

arpitacs0024@cloudshell:~ (prac-project-351313)$ cd deploymentmanager-samples/examples/v2/quick_start/
arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$ vi vm.yaml
arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$ ls
README.md  vm.yaml
arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$

```

```

properties:
  # The properties of the resource depend on the type of resource. For a list
  # of properties, see the API reference for the resource.
  zone: us-central1-f
  # Replace [MY_PROJECT] with your project ID
  machineType: https://www.googleapis.com/compute/v1/projects/prac-project-351313/zones/us-central1-f/machineTypes/f1-micro
  disks:
    - deviceName: boot
      type: PERISTENT
      boot: true
      autoDelete: true
  initializeParams:

```

32,2

## To check any error.

```

arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$ gcloud deployment-manager deployments create demo-dm --
config vm.yaml --preview
The fingerprint of the deployment is b'bhthrwStgscxlSvanFXc_w=='
Waiting for create [operation-1654624288373-5e0df3cf1fc70-ce30854c-09acf65a]...done.
Create operation operation-1654624288373-5e0df3cf1fc70-ce30854c-09acf65a completed successfully.
NAME: quickstart-deployment-vm
TYPE: compute.v1.instance
STATE: IN_PREVIEW
ERRORS: []
INTENT: CREATE OR ACQUIRE
arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$

```

## To create vm.

```

arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$ gcloud deployment-manager deployments update demo-dm
Waiting for update [operation-1654624372810-5e0df41fa6277-144ead20-f984588f]...done.
Update operation operation-1654624372810-5e0df41fa6277-144ead20-f984588f completed successfully.
NAME: quickstart-deployment-vm
TYPE: compute.v1.instance
STATE: COMPLETED
ERRORS: []
INTENT:
arpitacs0024@cloudshell:~/deploymentmanager-samples/examples/v2/quick_start (prac-project-351313)$

```

## Deployment created.

The screenshot shows the Google Cloud Platform console for the 'Prac-Project'. The 'Deployment Manager' section is selected, and the 'Deployments' tab is active. A table lists the deployments, showing one deployment named 'demo-dm' with a status of 'COMPLETED' and a green checkmark icon. The table headers are 'Name', 'Created on', 'Last modified', and 'Labels'.

	Name	Created on	Last modified	Labels
<input checked="" type="checkbox"/>	demo-dm	Just now	Just now	None

## VM has been created.

VM instances [CREATE INSTANCE](#) [OPERATIONS](#) [HELP ASSISTANT](#) [SHOW INFO PANEL](#) [LEARN](#)

**INSTANCES** INSTANCE SCHEDULES

VM instances are highly configurable virtual machines for running workloads on Google infrastructure. [Learn more](#)

**Filter** Enter property name or value

<input type="checkbox"/>	Status	Name ↑	Zone	Recommendations	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>	✓	instance-1	asia-south1-c			10.160.0.11 (nic0)	34.100.194.195 (nic0)	SSH ▾ ⋮
<input type="checkbox"/>	✓	instance-stackdriver	asia-south1-c			10.160.0.10 (nic0)	35.244.37.90 (nic0)	SSH ▾ ⋮
<input type="checkbox"/>	✓	quickstart-deployment-vm	us-central1-f			10.128.0.6 (nic0)	35.184.93.221 (nic0)	SSH ▾ ⋮

Related actions [HIDE](#)

## Deploy App service of PHP.

Clone the Hello World sample app repository to your Google Cloud instance.

**git clone** <https://github.com/GoogleCloudPlatform/php-docs-samples.git>

Cloning into 'php-docs-samples'...

remote: Enumerating objects: 13, done.

remote: Counting objects: 100% (13/13), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 13607 (delta 11), reused 9 (delta 9), pack-reused 13594

Receiving objects: 100% (13607/13607), 12.22 MB | 23.45 MB/s, done.

Resolving deltas: 100% (8848/8848), done.

```
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313) $ ls
app.yaml  composer.json  index.php  phpunit.xml.dist  README.md  test
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313) $ nano index.php
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313) $
```

```
GNU nano 5.4
<?php

echo 'hello world!';
```

Navigate to the below folder.

```
arpitacs0024@cloudshell:~$ cd php-docs-samples/appengine/standard/helloworld
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld$
```

Deploy your app to App Engine.


```
Updated property [core/project].
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313)$ gcloud app deploy
Services to deploy:

descriptor:      [/home/arpitacs0024/php-docs-samples/appengine/standard/helloworld/app.yaml]
source:          [/home/arpitacs0024/php-docs-samples/appengine/standard/helloworld]
target project:  [prac-project-351313]
target service:  [default]
target version:  [20220608t101250]
target url:      [https://prac-project-351313.uc.r.appspot.com]
target service account: [App Engine default service account]

Do you want to continue (Y/n)? y
```

To view your application in the web browser

```
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313)$ gcloud app browse
Did not detect your browser. Go to this link to view your app:
https://prac-project-351313.uc.r.appspot.com
arpitacs0024@cloudshell:~/php-docs-samples/appengine/standard/helloworld (prac-project-351313)$
```

← → ↻  prac-project-351313.uc.r.appspot.com

hello world!