

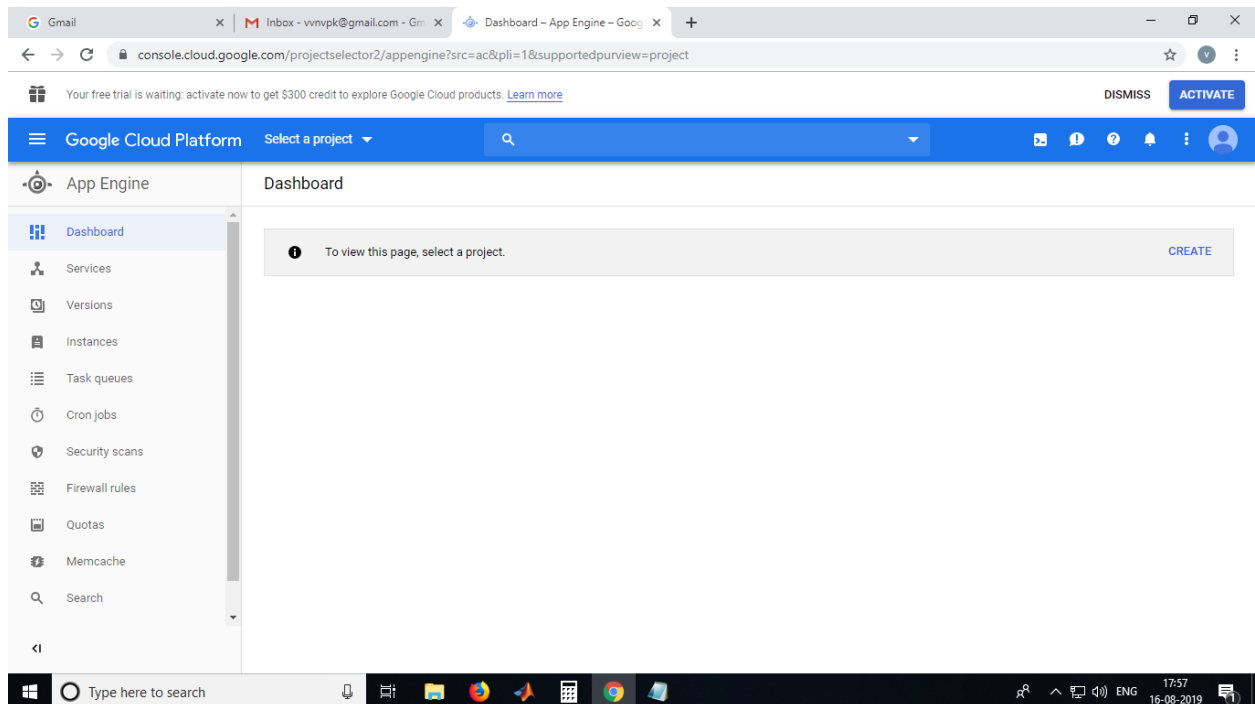
Deploying website in Google App Engine

Step-1: Open the URL: appengine.google.com

Step-2: User Name: phanikumar.venna@gmail.com

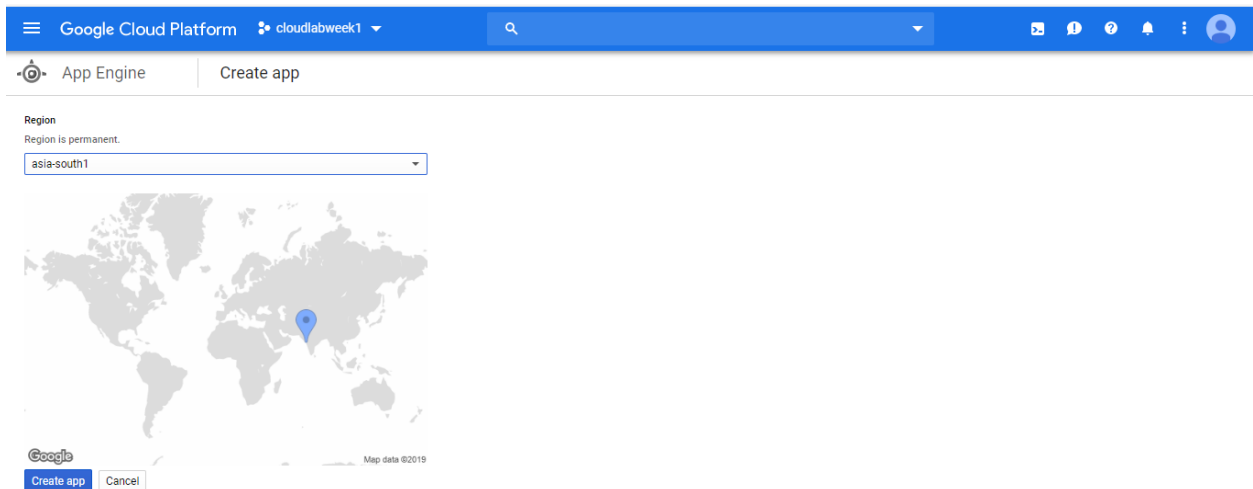
Password: XXXXX

Welcome Screen:



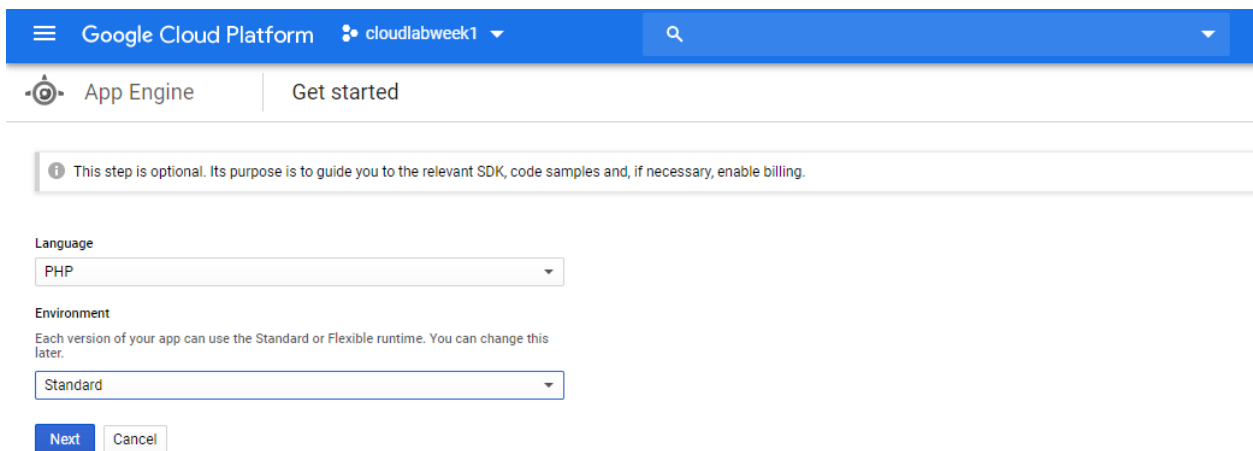
Step-3: Create a project on selected region

- Click on Project (on top of the window) → Create New Project
- Create your project Name (Like cloudlabweek1)
- Click On create Button
- Click on Create App
- Select Region as Asia –South1



Select Programming Language and Environment

- f. Select Language: PHP
- g. Environment: Standard



Step-4: Create Billing account

It will ask your name, address Account type (individual) Tax information (Non Business) and your credit/debit card details.

Try Google Cloud Platform for free

Step 2 of 2

Customer info

Account type ⓘ
 Business

Tax information ⓘ
 Tax status: Business

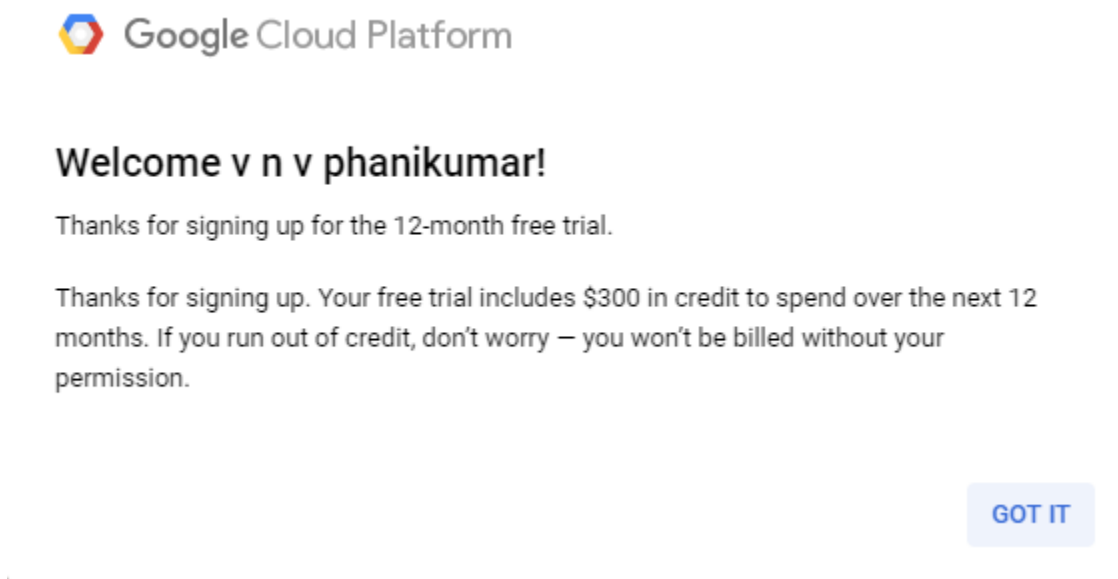
Name and address ⓘ
 Business name
 Name
 v n v phanikumar venna

Access to all Cloud Platform Products
Get everything you need to build and run your apps, websites and services, including Firebase and the Google Maps API.

\$300 credit for free
Sign up and get \$300 to spend on Google Cloud Platform over the next 12 months.

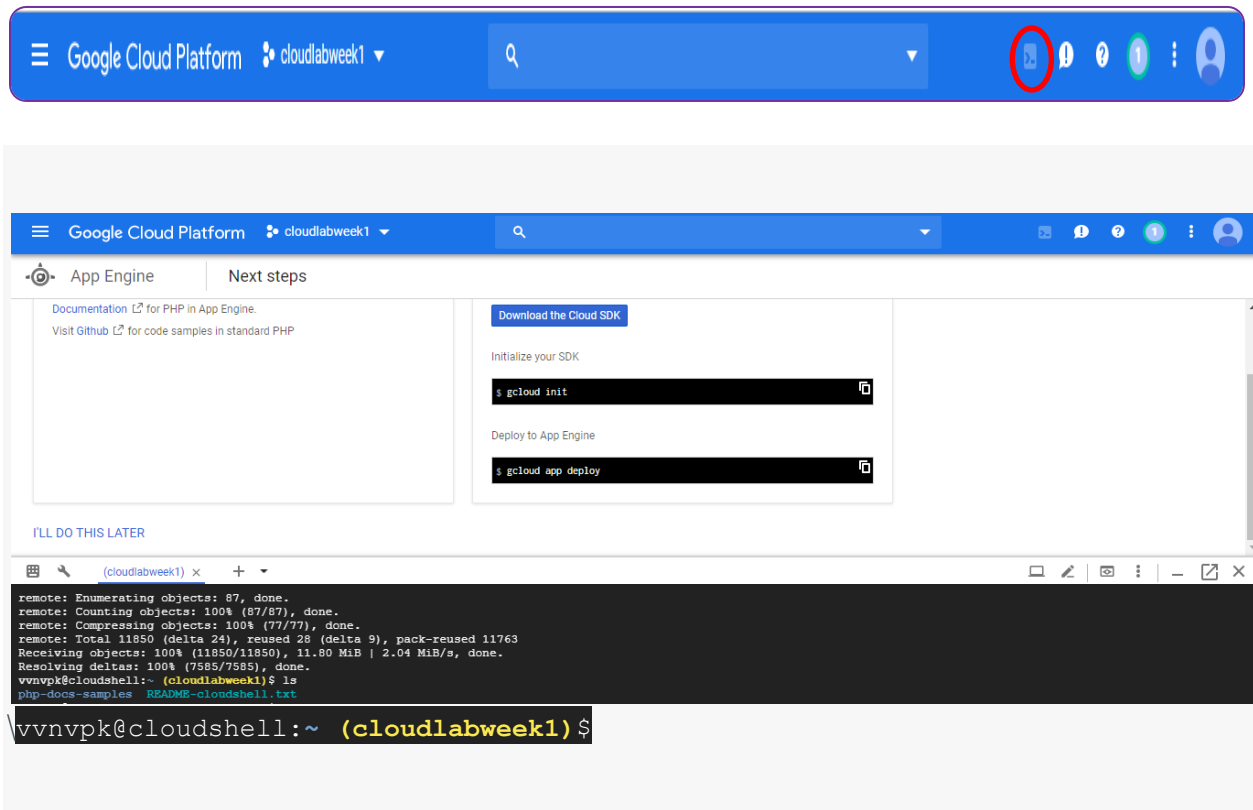
No autocharge after free trial ends
We ask you for your credit card to make sure you are not a robot. You won't be charged unless you manually upgrade to a paid account.

Once you submit the above details you can get the welcome screen like the following screen



Step-5:

a. Open gcloud shell



The screenshot shows the Google Cloud Platform console. At the top, there's a blue header with the Google Cloud Platform logo, a dropdown menu set to 'cloudlabweek1', a search bar, and a notification bell icon circled in red. Below the header, the 'App Engine' section is active, showing 'Next steps' for PHP in App Engine. It includes links to documentation and GitHub, and buttons for 'Download the Cloud SDK', 'Initialize your SDK' (with a terminal snippet '\$ gcloud init'), and 'Deploy to App Engine' (with a terminal snippet '\$ gcloud app deploy'). A button 'I'LL DO THIS LATER' is also present. At the bottom, a terminal window is open, showing the output of a 'gcloud app deploy' command and the prompt 'vvnvpk@cloudshell:~ (cloudlabweek1)\$'.

b. Clone sample code from github:

Type the following in the gcloud shell:

```
git clone https://github.com/GoogleCloudPlatform/php-docs-samples.git
```

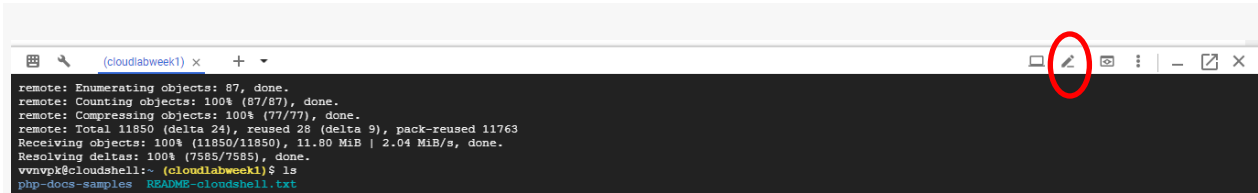
Move from the current directory(cloudlabweek1) to php55:

```
vvnvpk@cloudshell:~ (cloudlabweek1)$ cd php-docs-samples
vvnvpk@cloudshell:~/php-docs-samples (cloudlabweek1)$ cd appengine
vvnvpk@cloudshell:~/php-docs-samples/ appengine (cloudlabweek1)$ cd php55
```

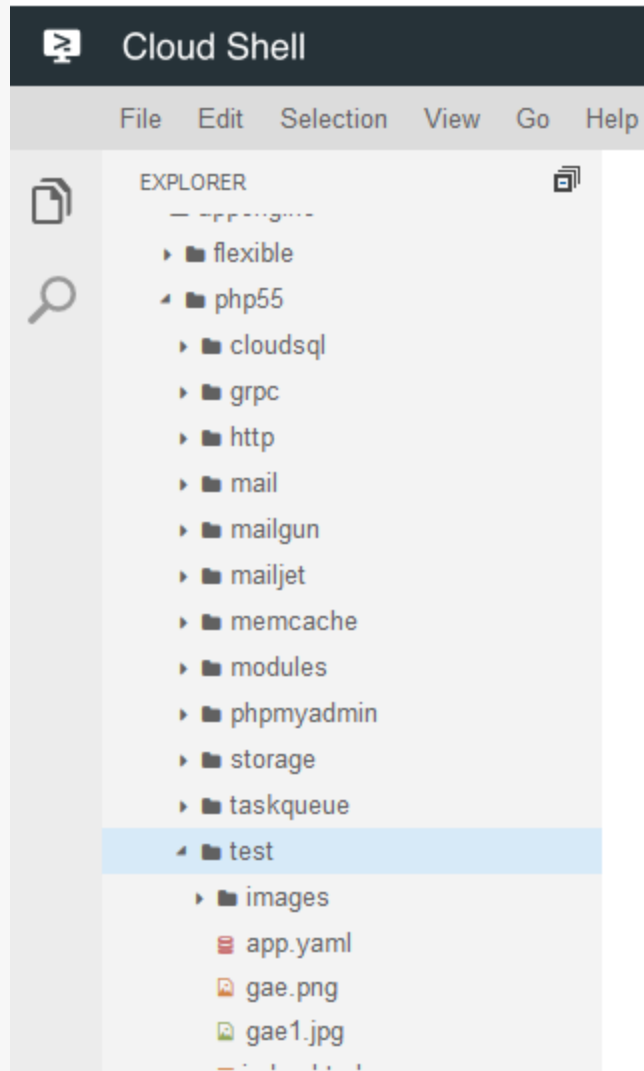
c. create your project directory (directory name is test)

```
~/php-docs-samples/ appengine/php55 (cloudlabweek1)$ mkdir test
```

d. Goto edit Option on top of the console (gcloud)



Expand the explore



Step 6: Create your program files

PHP-docs- Samples

Appengine

Php55

Test

Right click on test, select new file and save it as index.html

Index.html

```
<html>

<head>
  <title> Appengine Registration </title>
</head>
<body>
  <form action="sub.php" method="get">
    <table width="30%" align="center">
      echo "<p align='right'>";
      echo "<img src='gae1.jpg' width='200' height='100' alt='appengine'/'>";
      echo '</p>';

      <tr> <td colspan="2" align="center"> <h2> Registration Form </h2> </td> </tr>
      <tr> <td> Name </td> <td> <input type='text' name='uname'/'></td></tr>
      <tr> <td> Password </td> <td> <input type='password' name='pwd'/'></td></tr>
      <tr> <td> Register Number </td> <td> <input type='text' name='rno'/'></td></tr>
      <tr> <td> EMail id </td> <td> <input type='email' name='mid'/'></td></tr>
      <tr> <td> Mobile </td> <td> <input type='text' name='mobile'/'></td></tr>
      <tr> <td> Branch </td> <td>
        <select name='dept'>
          <option value='Computer Science & Engineering'> CSE </option>
          <option value='Electronics & Communication Engineering'> ECE </option>
        </select>
      </td></tr>
      <tr> <td> college </td> <td> <input type='text' name='clg'/'></td></tr>
      <tr> <td colspan="2" align="center">
        <input type="submit" name="sub" value="submit">
        <input type="reset" name="rset" value="Reset"></td> </tr>
    </table>
  </form>
</body>
</html>
```

Create another file with the name: **sub.php**

```
<?php

echo "<p align='right'>";
echo "<img src='gae1.jpg' width='200' height='100' alt='appengine' />";
echo ' <br>Welcome <b>'.$_GET['uname'].'</b>';
echo '</p>';

echo '<table width="50%" align="center">';
echo '<tr> <td> Name </td> <td>'. $_GET['uname'].'</td></tr>';
echo '<tr> <td> Password </td> <td>'. $_GET['pwd'].'</td></tr>';
echo '<tr> <td> Register Number </td> <td>'. $_GET['rno'].'</td></tr>';
echo '<tr> <td> EMail id </td> <td>'. $_GET['mid'].'</td></tr>';
echo '<tr> <td> Mobile </td> <td>'. $_GET['mobile'].'</td></tr>';
echo '<tr> <td> Branch </td> <td>'. $_GET['dept'].'</td></tr>';
echo '<tr> <td> College </td> <td>'. $_GET['clg'].'</td></tr>';
echo '</table>';
?>
```

Create another file with the name: **app.yaml**

```
runtime: php55

api_version: 1

handlers:
- url: /
  script: index.html

- url: /sub.php
  script: sub.php

- url: /stylesheets
  static_dir: stylesheets

- url: /(.*\.(gif|png|jpg))$
  static_files: \1
  upload: .+\.(gif|png|jpg)$
  application_readable: true
```

Step 7: Now deploy the project into the google appengine

Command: gcloud app deploy

```
:~/php-docs-samples/appengine/php55/test (cloudlabweek1)$ gcloud app deploy
```

```
vvnvpk@cloudshell:~/php-docs-samples/appengine/php55/test (cloudlabweek1)$ gcloud app deploy
Services to deploy:

descriptor:      [/home/vvnvpk/php-docs-samples/appengine/php55/test/app.yaml]
source:          [/home/vvnvpk/php-docs-samples/appengine/php55/test]
target project:  [cloudlabweek1]
target service:  [default]
target version:  [20190816t193122]
target url:      [https://cloudlabweek1.appspot.com]

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

```
Beginning deployment of service [default]...
```

```
  = Uploading 4 files to Google Cloud Storage =
```

```
File upload done.
```

```
Updating service [default]...done.
```

```
Setting traffic split for service [default]...done.
```

```
Deployed service [default] to [https://cloudlabweek1.appspot.com]
```

```
You can stream logs from the command line by running:
```

```
  $ gcloud app logs tail -s default
```

```
To view your application in the web browser run:
```

```
  $ gcloud app browse
```

Step 8: To Browse your website URL type the following command

Command: gcloud app browse

```
vvnvpk@cloudshell:~/php-docs-samples/appengine/php55/test (cloudlabweek1)$ gcloud app browse
Did not detect your browser. Go to this link to view your app:
https://cloudlabweek1.appspot.com
vvnvpk@cloudshell:~/php-docs-samples/appengine/php55/test (cloudlabweek1)$
```

Step 9: Now Open the url in the internet browser or google chrome

```
https://cloudlabweek1.appspot.com
```

<https://cloudlabweek1.appspot.com/>

← → ↻ cloudlabweek1.appspot.com

Registration Form

Name

Password

Register Number

E-Mail id

Mobile

Branch

college

← → ↻ cloudlabweek1.appspot.com

Registration Form

Name

Password

Register Number


E-Mail id

Mobile

Branch


college


← → ↻ cloudlabweek1.appspot.com/sub.php?uname=V+N+V+PHANIKUMAR+VENNA&pwd=abc123&rno=118W1A05832&mid=phanikumar.venna%40gmail.com&mobile=9866909839...

 App Engine

Welcome V N V PHANIKUMAR VENNA

Name	V N V PHANIKUMAR VENNA
Password	abc123
Register Number	118W1A05832
E-Mail id	phanikumar.venna@gmail.com
Mobile	9866909839
Branch	Computer Science & Engineering
College	V R SIDDHARTHA ENGINEERING COLLEGE

 gae1.jpg

 gae.png

Show all

Type here to search

19:33 16-08-2019

Result Web Application is Hosted on the Google App Engine successfully.

<https://cloudlabweek1.appspot.com/>