Used google cloud platform: google app engine : <https://console.cloud.google.com/home/dashboard?project=gcp-go-helloworld-cpk>

Try it for free – option--registered

Created new project – create project

Configure the project and write go code for your app (google cloud shell and web ide allows you do the above step via browser only)

Open google app engine cloud shell.

(this shell is running on an virtual machine and comes pre-configured to connect your GCP projects.)

Using shell:

(we can : deploy, start and stop apps and scale your website )

Launching web editor

Created new folder and 2 new file under that folder one for go code other for configuration.

The main function will run when your app is deployed- we use http method HandleFunc() to enable your app to handle web requests.

/ - represents app to listen to all requests in the same way

(handle)- call back specifier- specifies what code should run when someone tries to load any page from web site

App health monitoring integration -

log() just makes the app easier to use locally

fatal() has the same capabilities as print but in edition it gives the control of the shell back to the user once the app is started

func handle (){}

func healthCheckHandler(){}

**Configuration File:**

File name : app.yaml

wrote configuration by specifying runtime, version of the api and environment.

#[START runtime]

runtime : go

api\_version: go1

//vm: true

#[END runtime]

Check for the files in the google cloud platform home page

**Deployment:**

in shell: commands typed:

ls

cd goapp/

ls

cat main.go --(shows all the code written)

clear

now deloyment: to deploy the app in the app engine

type in shell the command:

aedeploy gcloud app deploy--for old google cloud

gcloud app deploy -- (for latest GCP)

it finds errors

gcloud app deploy

asks for region us east4

deploying in URL: (check the url mathes the name you have given)

do you want to continue? Y

when deployment success.

copy and paste the url in the browser