



# Cloud - Assignment 1

## Exersice 1

What command did you use to authenticate with your Google account?

gcloud init

How did you set the default project?

in terminal

What information does the gcloud info command provide?

```
Installation Properties: [C:\Users\onlyk\AppData\Local\Google\Cloud SDK\google-cloud-sdk\properties]
User Config Directory: [C:\Users\onlyk\AppData\Roaming\gcloud]
Active Configuration Name: [default]
Active Configuration Path: [C:\Users\onlyk\AppData\Roaming\gcloud\configurations\config_default]

Account: [maxdoma03@gmail.com]
Project: [cloud-apps-dev-1]
Universe Domain: [googleapis.com]

Current Properties:
[accessibility]
  screen_reader: [False] (property file)
[compute]
  zone: [asia-east1-b] (property file)
  region: [asia-east1] (property file)
[core]
  account: [maxdoma03@gmail.com] (property file)
  disable_usage_reporting: [True] (property file)
  project: [cloud-apps-dev-1] (property file)

Logs Directory: [C:\Users\onlyk\AppData\Roaming\gcloud\logs]
Last Log File: [C:\Users\onlyk\AppData\Roaming\gcloud\logs\2024.09.13\14.33.53.225780.log]

git: [git version 2.42.0.windows.2]
```

## Exersice 2

What is the default home directory in Cloud Shell?

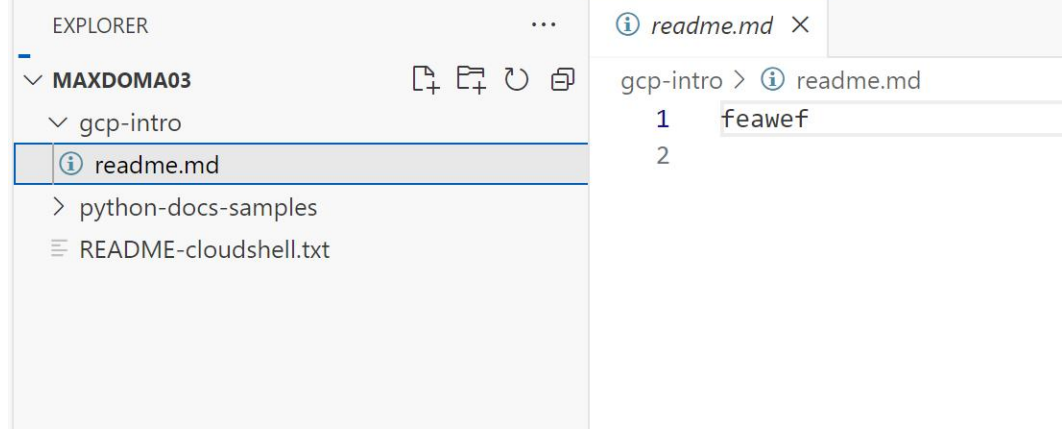
my home directory

```
maxdoma03@cloudshell:~/home (cloud-apps-dev-1)$ ls
lost+found  maxdoma03
maxdoma03@cloudshell:~/home (cloud-apps-dev-1)$ cd maxdoma03
maxdoma03@cloudshell:~ (cloud-apps-dev-1)$
```

What tools are pre-installed in Cloud Shell?

git, docker, kuber, gcloud, python, nodejs, ssh

How can you open the built-in code editor in Cloud Shell?



Click “Open Editor” button, it is similar to VS Code

## Exersice 3

How do you list all projects associated with your account?

gcloud projects list

```
C:\Users\onlyk\AppData\Local\Google\Cloud SDK>gcloud projects list
PROJECT_ID      NAME                PROJECT_NUMBER
cloud-apps-dev-1 Cloud Apps Dev 1    711814279532
landing-sheets-394515 Landing Sheets      451768566704
sagetalk-app     sagetalk-app        17124650592
test-project144   My First GCP Project 216929492903
```

What command is used to set a default project?

gcloud config set project PROJECT\_ID

How do you describe project metadata?

gcloud projects describe PROJECT\_ID

```
C:\Users\onlyk\AppData\Local\Google\Cloud SDK>gcloud projects describe test-project144
createTime: '2024-09-13T09:50:22.454836Z'
lifecycleState: ACTIVE
name: My First GCP Project
projectId: test-project144
projectNumber: '216929492903'
```

## Exersice 4

What command did you use to create the directory structure?

mkdir

How did you upload a file to a Cloud Storage bucket?

gsutil cp localfile.txt gs://your-bucket-name/

How can you list the contents of a Cloud Storage bucket?

gsutil ls gs://your-bucket-name/

```
maxdoma03@cloudshell:~/myproject/src (cloud-apps-dev-1)$ gsutil mb gs://my-test-bucket142/...
maxdoma03@cloudshell:~/myproject/src (cloud-apps-dev-1)$ ls
app.ts
maxdoma03@cloudshell:~/myproject/src (cloud-apps-dev-1)$ gsutil cp app.ts gs://my-test-bucket142/...
Copying file://app.ts [Content-Type=text/vnd.trolltech.linguist]...
AccessDeniedException: 403 The billing account for the owning project is disabled
maxdoma03@cloudshell:~/myproject/src (cloud-apps-dev-1)$
```

## Exersice 5

What command did you use to make the script executable?

chmod +x <file>

How did you ensure the script was executed correctly?

write in end of script echo with success message

What steps did your script automate?

Creating dir, file, and set gcloud config project