

```
C:\WINDOWS\SYSTEM32\cmd + - Welcome to the Google Cloud CLI! Run "gcloud -h" to get the list of available commands.  
---  
Welcome! This command will take you through the configuration of gcloud.  
Your current configuration has been set to: [default]  
You can skip diagnostics next time by using the following flag:  
  gcloud init --skip-diagnostics  
Network diagnostic detects and fixes local network connection issues.  
Checking network connection...done.  
Reachability Check passed.  
Network diagnostic passed (1/1 checks passed).  
You must sign in to continue. Would you like to sign in (Y/n)? y  
Your browser has been opened to visit:  
https://accounts.google.com/o/oauth2/auth?response\_type=code&client\_id=32555940559.apps.googleusercontent.com&redirect\_uri=http%3A%2F%2Flocalhost%3A8085%2F&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fsqlservice.login+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.readonly&state=nlpP0LMCQ588F0e3vL8JsAdJXt8WM&access\_type=offline&code\_challenge=c0igXbp9PmMzoieNiyQEa3tcxLzPbAhtg-pgv0xNw&code\_challenge\_method=S256  
You are signed in as: [125amirbaynurbolat@gmail.com].
```

This account has no projects.

Would you like to create one? (Y/n)? y

Enter a Project ID. Note that a Project ID CANNOT be changed later.  
Project IDs must be 6-30 characters (lowercase ASCII, digits, or  
hyphens) in length and start with a lowercase letter. |

```
ATL - PHI In 7 hours 00:16 ENG 17.09.2024 Помощь  
C:\WINDOWS\SYSTEM32\cmd + -  
gcloud-crc32c: [1.0.0]  
gsutil: [5.30]  
System PATH: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin..\bin\ sdk;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin;C:\Program Files\Google\Chrome\Application;C:\Program Files\Common Files\Oracle\Java\javapath;C:\ProgramData\Oracle\Java\javapath;C:\Windows\System32;C:\Windows;C:\Windows\System32\WBem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH\;C:\Users\PC\AppData\Local\Programs\Python\Python310;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Users\PC\Desktop\platform-tools;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\WBem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\WINDOWS\System32\OpenSSH\;C:\Program Files\Go\bin;C:\Program Files\Docker\resources\bin;C:\Program Files\nodejs\;C:\Program Files\Git\cmd;C:\Users\PC\AppData\Local\Programs\Python\Python310\Scripts\;C:\Users\PC\AppData\Local\Programs\Python\Python310\;C:\Program Files\Java\jdk-18.0.2.1\bin;C:\Program Files\JetBrains\DataGrip 2022.2.3\bin\;;C:\Users\PC\Desktop\mingw64tdm\bin\;C:\Users\PC\AppData\Local\Programs\Microsoft VS Code\bin\;C:\Users\PC\AppData\Local\Microsoft\Windows Apps\;C:\Users\PC\go\bin;C:\Program Files\JetBrains\WebStorm 2022.3.2\bin\;;C:\Users\PC\AppData\Roaming\npm\] Python PATH: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin\..\lib\third_party;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin\..\lib;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\lib;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython\python311.zip;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython\DLLs;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython] Cloud SDK on PATH: [True] Kubectl on PATH: [False]  
Installation Properties: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\properties] User Config Directory: [C:\Users\PC\AppData\Roaming\gcloud] Active Configuration Name: [default] Active Configuration Path: [C:\Users\PC\AppData\Roaming\gcloud\configurations\config_default]  
Account: [125amirbaynurbolat@gmail.com] Project: [tidy-bindery-435819-j3] Universe Domain: [googleapis.com]  
Current Properties:  
[accessibility]  
  screen_reader: [False] (property file)  
[compute]  
  region: [us-central1] (property file)  
[core]  
  account: [125amirbaynurbolat@gmail.com] (property file)  
  disable_usage_reporting: [True] (property file)  
  project: [tidy-bindery-435819-j3] (property file)  
Logs Directory: [C:\Users\PC\AppData\Roaming\gcloud\logs] Last Log File: [C:\Users\PC\AppData\Roaming\gcloud\logs\2024.09.17\00.55.28.433781.log]  
git: [git version 2.42.0.windows.2] lsh: [OpenSSH_for_Windows_8.6p1, LibreSSL 3.4.3]
```

```
13°C Cloudy 00:56 ENG 17.09.2024 Помощь
```

```

C:\Users\PC\AppData\Local\Google\Cloud SDK>gcloud version
Google Cloud SDK 492.0.0
bq 2.1.8
core 2024.09.06
gcloud-crc32c 1.0.0
gsutil 5.30

C:\Users\PC\AppData\Local\Google\Cloud SDK>gcloud info
Google Cloud SDK [492.0.0]

Platform: [Windows, x86_64] uname_result(system='Windows', node='Nurbolat', release='10', version='10.0.22631', machine='AMD64')
Locale: ('Russian_Kazakhstan', '1251')
Python Version: [3.11.9 (tags/v3.11.9:de45cf5, Apr 2 2024, 10:12:12) [MSC v.1938 64 bit (AMD64)]]
Python Location: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython\python.exe]
OpenSSL: [OpenSSL 3.0.13 30 Jan 2024]
Requests Version: [2.25.1]
urllib3 Version: [1.26.9]
Default CA certs file: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin..\lib\third_party\certifi\cacert.pem]
Site Packages: [Disabled]

Installation Root: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk]
Installed Components:
  bq: [2.1.8]
  core: [2024.09.06]
  gcloud-crc32c: [1.0.0]
  gsutil: [5.30]
System PATH: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin\..\bin\sdk;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin;C:\Program Files\Google\Chrome\Application;C:\Program Files\Common Files\Oracle\Java\javapath;C:\ProgramData\Oracle\Java\javapath;C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH\;C:\Users\PC\AppData\Local\Programs\Python\Python310;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Users\PC\Desktop\platform-tools;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\WINDOWS\System32\OpenSSH\;C:\Program Files\Go\bin;C:\Program Files\Docker\resources\bin;C:\Program Files\nodejs\;C:\Program Files\Git\cmd;C:\Users\PC\AppData\Local\Programs\Python\Python310\Scripts\;C:\Users\PC\AppData\Local\Programs\Python\Python310\;C:\Program Files\Java\jdk-18.0.2.1\bin;C:\Program Files\JetBrains\DataGrip 2022.2.3\bin\;C:\Users\PC\Desktop\mingw64tdm\bin\;C:\Users\PC\AppData\Local\Programs\Microsoft VS Code\bin;C:\Users\PC\AppData\Local\Microsoft\Windows Apps;C:\Users\PC\go\bin;C:\Program Files\JetBrains\WebStorm 2022.3.2\bin\;C:\Users\PC\AppData\Roaming\npm\]
Python PATH: [C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\bin\..\lib\third_party\;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\lib;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython\DLLs;C:\Users\PC\AppData\Local\Google\Cloud SDK\google-cloud-sdk\platform\bundledpython]
Cloud SDK on PATH: [True]
Kubectl on PATH: [False]

```



## 1. Questions:

1.1. Authenticate with Google: gcloud auth login

1.2. Set default project: gcloud config set project tidy-bindery-435819-j3

1.3. gcloud info command: It provides information about Google Cloud SDK installation, including the project, account, region, and environment details.

Name	ID	Billing account	Billing account ID	Actions
My Project 20505	tidy-bindery-435819-j3	Billing is disabled	-	⋮

```

[component_manager]
 disable_update_check: [True] (property file)
[compute]
 region: [us-central1] (property file)
 gce_metadata_read_timeout_sec: [30] (property file)
[core]
 account: [125amirbaynurbolat@gmail.com] (callback)
 disable_usage_reporting: [False] (property file)
 project: [tidy-bindery-435819-j3] (property file)
[metrics]
 environment: [devshell] (property file)

Logs Directory: [/tmp/tmp_rf1zWww10z/logs]
Last Log File: [/tmp/tmp_rf1zWww10z/logs/2024.09.16/20.13.34.186298.log]

git: [git version 2.34.1]
ssh: [OpenSSH_8.9p1 Ubuntu-3ubuntu0.10, OpenSSL 3.0.2 15 Mar 2022]

g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ ls
README-cloudshell.txt
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$

```

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

Name	ID	Billing account ↑	Billing account ID	Actions
My Project 20505	tidy-bindery-435819-j3	Billing is disabled	—	⋮

CLOUD SHELL Terminal (tidy-bindery-435819-j3) + ⋮

```
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ ls
README-cloudshell.txt
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ gcloud config list
[accessibility]
screen_reader = True
[component_manager]
disable_update_check = True
[compute]
gce_metadata_read_timeout_sec = 30
region = us-central1
[core]
account = 125amirbaynurbolat@gmail.com
disable_usage_reporting = False
project = tidy-bindery-435819-j3
[metrics]
environment = devshell

Your active configuration is: [cloudshell-4613]
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ mkdir gcp-intro
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ cd gcp-intro
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

13°C Cloudy

01:22 17.09.2024

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

Name	ID	Billing account ↑	Billing account ID	Actions
My Project 20505	tidy-bindery-435819-j3	Billing is disabled	—	⋮

CLOUD SHELL Terminal (tidy-bindery-435819-j3) + ⋮

```
GNU nano 6.2
some description
```

README.md

[ Read 1 line ]

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Location Go To Line Undo Redo Set Mark To Bracket Copy Where Was Previous Next Back Forward

13°C Cloudy

02:00 17.09.2024

The screenshot shows the Google Cloud Billing interface. At the top, there's a banner for a free trial and a 'START FREE' button. Below it, the 'Google Cloud' logo and a search bar are visible. A 'Billing' section is shown with tabs for 'MY BILLING ACCOUNTS' and 'MY PROJECTS'. The 'MY PROJECTS' tab is selected, displaying a table with one row for 'My Project 20505'. The terminal window shows configuration details for a project named 'tidy-bindery-435819-j3'. The configuration includes settings for accessibility, screen reader support, component manager, disable update check, compute, gce metadata read timeout, region, core account, disable usage reporting, project ID, metrics, and environment (devshell). It also shows the active configuration and a command history for creating a directory 'gcp-intro' and nano-ing 'README.md' files.

This screenshot is identical to the one above, showing the Google Cloud Billing interface with the 'MY PROJECTS' tab selected. The terminal window displays the same configuration details for the project 'tidy-bindery-435819-j3'. The configuration includes accessibility, screen reader support, component manager, disable update check, compute, gce metadata read timeout, region, core account, disable usage reporting, project ID, metrics, and environment (devshell). It also shows the active configuration and a command history for creating a directory 'gcp-intro' and nano-ing 'README.md' files.

## 2. Questions:

- 2.1. Default home directory: /home/g125amirbaynurbolat/
- 2.2. Pre-installed tools: Tools like git, gcloud, kubectl, gsutil are pre-installed.
- 2.3. Open code editor: Use the code command or click the "Open Editor" button.

chatgpt x | acveta.b x | Over n x | otchet-3 x | otchet-1 x | Your Re x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?authuser=2&cloudshell=true

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DISMISS START FREE

### Google Cloud

Billing

CLOUD SHELL Terminal (my-first-gcp-project) +

```
git: [git version 2.34.1]
ssh: [OpenSSH_8.9p1 Ubuntu-3ubuntu0.10, OpenSSL 3.0.2 15 Mar 2022]

g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ ls
README-cloudshell.txt
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ gcloud config list
[accessibility]
screen_reader = True
[component_manager]
disable_update_check = True
[compute]
gce_metadata_read_timeout_sec = 30
region = us-central1
[core]
account = 125amirbaynurbolat@gmail.com
disable_usage_reporting = False
project = tidy-bindery-435819-j3
[metrics]
environment = devshell

Your active configuration is: [cloudshell-4613]
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ mkdir gcp-intro
g125amirbaynurbolat@cloudshell:~ (tidy-bindery-435819-j3)$ cd gcp-intro
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ code .
bash: code: command not found
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano README.md
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano README.md
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ pwd
/home/g125amirbaynurbolat/gcp-intro
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects list
PROJECT_ID: tidy-bindery-435819-j3
NAME: My Project 20505
PROJECT_NUMBER: 603350625630
```

12°C Partly cloudy 03:08 17.09.2024

chatgpt x | acveta.b x | Over n x | otchet-3 x | otchet-1 x | Your Re x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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DISMISS START FREE

### Google Cloud

Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

Name	ID	Billing account ↑	Billing account ID	Actions
My Project 20505	tidy-bindery-435819-j3	Billing is disabled	-	⋮

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
optional flags may be --enable-cloud-apis | --folder | --help | --labels | --name | --organization | --set-as-default | --tags

For detailed information on this command and its flags, run:
  gcloud projects create --help
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-123 --name="My First GCP Project"
ERROR: (gcloud.projects.create) Project creation failed. The project ID you specified is already in use by another project. Please try an alternative ID.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-google-cloud-123 --name="My First GCP Project"
ERROR: (gcloud.projects.create) INVALID_ARGUMENT: field [project_id] has issue [project_id contains prohibited words]
- '@type': type.googleapis.com/google.rpc.BadRequest
  fieldViolations:
  - description: project_id contains prohibited words
    field: project_id
- '@type': type.googleapis.com/google.rpc.Help
  links:
  - url: https://cloud.google.com/resource-manager/reference/rest/v1/projects
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"
Create in progress for [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
Waiting for [operations/cp.533354091258945996] to finish...done.
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...
Operation "operations/acat.pz-70598456436-b49c59cc-d31d-4d4b-a575-ac05e37d831" finished successfully.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy 02:25 17.09.2024

The screenshot shows the Google Cloud Billing interface. At the top, there's a banner for a free trial with \$300 credit. Below it, the 'Google Cloud' logo and a search bar are visible. Under 'Billing', there are tabs for 'MY BILLING ACCOUNTS' and 'MY PROJECTS'. The 'MY PROJECTS' tab is selected, showing a table with one row: 'Name' (My Project 20505), 'ID' (tidy-bindery-435819-j3), 'Billing account' (Billing is disabled), and 'Billing account ID' (—). A 'Filter' input field is present above the table. Below the table is a terminal window titled 'CLOUD SHELL Terminal (tidy-bindery-435819-j3)'. It displays the following error message:

```
ERROR: (gcloud.projects.create) Project creation failed. The project ID you specified is already in use by another project. Please try an alternative ID.  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-google-cloud-123 --name="My First GCP Project"  
ERROR: (gcloud.projects.create) INVALID_ARGUMENT: field [project_id] has issue [project_id contains prohibited words]  
- '@type': type.googleapis.com/google.rpc.BadRequest  
  fieldViolations:  
  - description: project_id contains prohibited words  
    field: project_id  
- '@type': type.googleapis.com/google.rpc.Help  
  links:  
  - url: https://cloud.google.com/resource-manager/reference/rest/v1/projects  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"  
Create in progress for [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].  
Waiting for [operations/cp.5333354091258945996] to finish...done.  
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...  
Operation "operations/acat.p2-70598456436-b49c59cc-d31d-4d4b-a575-ac057e37d831" finished successfully.  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects describe some-id-kbtu-cloud-123  
createTime: '2024-09-16T21:24:27.963258Z'  
lifecycleState: ACTIVE  
name: My First GCP Project  
projectId: some-id-kbtu-cloud-123  
projectNumber: '70598456436'  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

This screenshot shows the same Google Cloud Billing interface as the previous one, but with a different terminal session. The terminal window now shows a successful project creation and subsequent deletion:

```
11°C Mostly cloudy 02:26 17.09.2024  
chatgpt x acveta.b x Onet n x otchet-3 x otchet-1 x Your Ref x ChatGPT x My proj x Dashboard x Changin x Billing - x +  
DISMISS START FREE  
Google Cloud Search (/) for resources, docs, products, and more Search  
Billing  
MY BILLING ACCOUNTS MY PROJECTS  
Filter Enter property name or value  
Name ID Billing account Actions  
My Project 20505 tidy-bindery-435819-j3 Billing is disabled :  
CLOUD SHELL Terminal (tidy-bindery-435819-j3) + Open Editor |  
ERROR: (gcloud.projects.create) Project creation failed. The project ID you specified is already in use by another project. Please try an alternative ID.  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"  
ERROR: (gcloud.projects.create) INVALID_ARGUMENT: field [project_id] has issue [project_id contains prohibited words]  
- '@type': type.googleapis.com/google.rpc.BadRequest  
  fieldViolations:  
  - description: project_id contains prohibited words  
    field: project_id  
- '@type': type.googleapis.com/google.rpc.Help  
  links:  
  - url: https://cloud.google.com/resource-manager/reference/rest/v1/projects  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"  
Create in progress for [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].  
Waiting for [operations/cp.5333354091258945996] to finish...done.  
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...  
Operation "operations/acat.p2-70598456436-b49c59cc-d31d-4d4b-a575-ac057e37d831" finished successfully.  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects describe some-id-kbtu-cloud-123  
createTime: '2024-09-16T21:24:27.963258Z'  
lifecycleState: ACTIVE  
name: My First GCP Project  
projectId: some-id-kbtu-cloud-123  
projectNumber: '70598456436'  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123  
Your project will be deleted.  
Do you want to continue (Y/n)? y  
Deleted [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].  
You can undo this operation for a limited period by running the command below.  
$ gcloud projects undelete some-id-kbtu-cloud-123  
See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.  
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

This screenshot shows the Google Cloud Billing interface again, with a terminal session showing a successful project creation and deletion. The terminal output is identical to the one in the previous screenshot, demonstrating the process of creating a project and then deleting it.

### 3. Questions:

- 3.1. List all projects: gcloud projects list
- 3.2. Set default project: gcloud config set project some-id-kbtu-cloud-123
- 3.3. Describe project metadata: gcloud projects describe some-id-kbtu-cloud-123

chatgpt x | acveta.b x | Otchet-3 x | Otchet-1 x | Your Rep x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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## Google Cloud

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Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
- description: project_id contains prohibited words
- field: project_id
- '@type': type.googleapis.com/google.rpc.Help
links:
- url: https://cloud.google.com/resource-manager/reference/rest/v1/projects
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"
Create in progress for [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
Waiting for [operations/cp.5333354091258945996] to finish...done.
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...
Operation "operations/acat.p2-70598456436-b49c59cc-d31d-4d4b-a575-ac057e37d831" finished successfully.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects describe some-id-kbtu-cloud-123
createTime: '2024-09-16T21:24:27.963Z'
lifecycleState: ACTIVE
name: My First GCP Project
projectId: some-id-kbtu-cloud-123
projectNumber: '70598456436'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123
Your project will be deleted.

Do you want to continue (Y/n)? y
Deleted [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123] .

You can undo this operation for a limited period by running the command below.
$ gcloud projects undelete some-id-kbtu-cloud-123

See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ mkdir -p myproject/{src,tests,docs}
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy

Поиск

02:35 17.09.2024

chatgpt x | acveta.b x | Otchet-3 x | Otchet-1 x | Your Rep x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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## Google Cloud

Search (/) for resources, docs, products, and more

Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

CLOUD SHELL Editor

EXPLORER

- g125AMIRBAYNURBOLAT
  - gcp-intro
    - myproject
      - docs
      - src
      - tests
- README-cloudshell.txt
- README.md

README.md

README-cloudshell.txt

OUTLINE

TIMELINE

Ln 1, Col 1 Spaces: 4 UTF-8 LF Markdown Layout: US

11°C Mostly cloudy

Поиск

02:36 17.09.2024

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## Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
- '@type': type.googleapis.com/google.rpc.Help
links:
- url: https://cloud.google.com/resource-manager/reference/rest/v1/projects
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"
Create in progress for [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
Waiting for [operations/cp.5333354091258945996] to finish...done.
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...
Operation "operations/acat.p2-70598456436-b49c59cc-d31d-4d4b-a575-ac057e37d831" finished successfully.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects describe some-id-kbtu-cloud-123
createTime: '2024-09-16T21:24:27.963258Z'
lifecycleState: ACTIVE
name: My First GCP Project
projectId: some-id-kbtu-cloud-123
projectNumber: '70598456436'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123
Your project will be deleted.

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

Deleted [https://cloudresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
```

You can undo this operation for a limited period by running the command below.

```
$ gcloud projects undelete some-id-kbtu-cloud-123
```

See <https://cloud.google.com/resource-manager/docs/creating-managing-projects> for information on shutting down projects.

```
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ mkdir -p myproject/{src,tests,docs}
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ touch myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy

Поиск

02:39 17.09.2024

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## Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
GNU nano 6.2
myproject/src/app.py *
print("Hello, GCP!")
```

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify Location Go To Line Undo Redo Set Mark Copy To Bracket Where Was Previous Next Back Forward

11°C Mostly cloudy

Поиск

02:38 17.09.2024

chatgpt x | acveta.b x | Orver n x | otchet-3 x | otchet-1 x | Your Rej x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing- x | +

console.cloud.google.com/billing/projects?cloudshell=true&authuser=2

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Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects create some-id-kbtu-cloud-123 --name="My First GCP Project"
Create in progress for [https://clouresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
Waiting for [operations/cp.533354091258945996] to finish...done.
Enabling service [cloudapis.googleapis.com] on project [some-id-kbtu-cloud-123]...
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects describe some-id-kbtu-cloud-123
createTime: '2024-09-16T21:24:27.963Z'
lifecycleState: ACTIVE
name: My First GCP Project
projectId: some-id-kbtu-cloud-123
projectNumber: '70598456436'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123
Your project will be deleted.

Do you want to continue (Y/n)? y
Deleted [https://clouresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
You can undo this operation for a limited period by running the command below.
$ gcloud projects undelete some-id-kbtu-cloud-123

See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ mkdir -p myproject/{src,tests,docs}
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ touch myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano myproject/src/app.py
print("Hello, GCP!")
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy

Помощь ENG 02:39 17.09.2024

chatgpt x | acveta.b x | Orver n x | otchet-3 x | otchet-1 x | Your Rej x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing- x | +

console.cloud.google.com/billing/projects?authuser=2&cloudshell=true

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Billing

MY BILLING ACCOUNTS MY PROJECTS

Filter Enter property name or value

Name	ID	Billing account ↑	Billing account ID	Actions
My Project 20505	tidy-bindery-435819-j3	Billing is disabled	-	⋮

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

```
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ cat myproject/src/app.py
print("Hello, GCP!")
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://MY_BUCKET
Creating gs://MY_BUCKET/...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy

Помощь ENG 02:44 17.09.2024

The screenshot shows the Google Cloud Billing interface. At the top, there's a banner for a free trial with \$300 in credit. The main navigation bar includes 'Google Cloud' and a search bar. Below that, the 'Billing' section is selected, showing 'MY BILLING ACCOUNTS' and 'MY PROJECTS'. A table lists one project: 'My Project 20505' with ID 'tidy-bindery-435819-j3'. The table has columns for Name, ID, Billing account, Billing account ID, and Actions. The 'Actions' column for this project shows a three-dot menu icon.

CLOUD SHELL Terminal (tidy-bindery-435819-j3) +

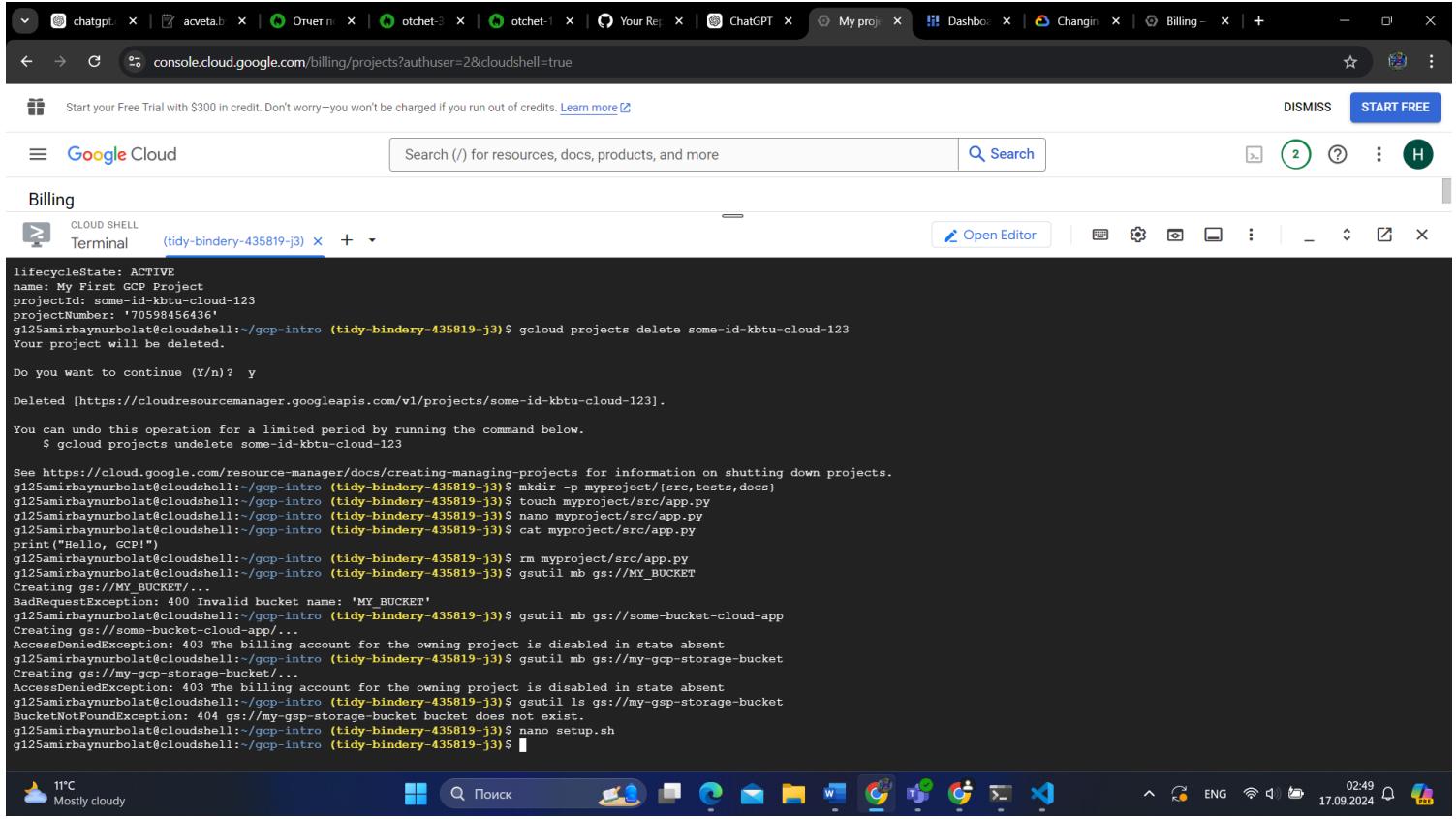
```
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://MY_BUCKET
Creating gs://MY_BUCKET...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil ls gs://my-gsp-storage-bucket
BucketNotFoundException: 404 gs://my-gsp-storage-bucket bucket does not exist.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy

02:45 17.09.2024

## 4. Questions:

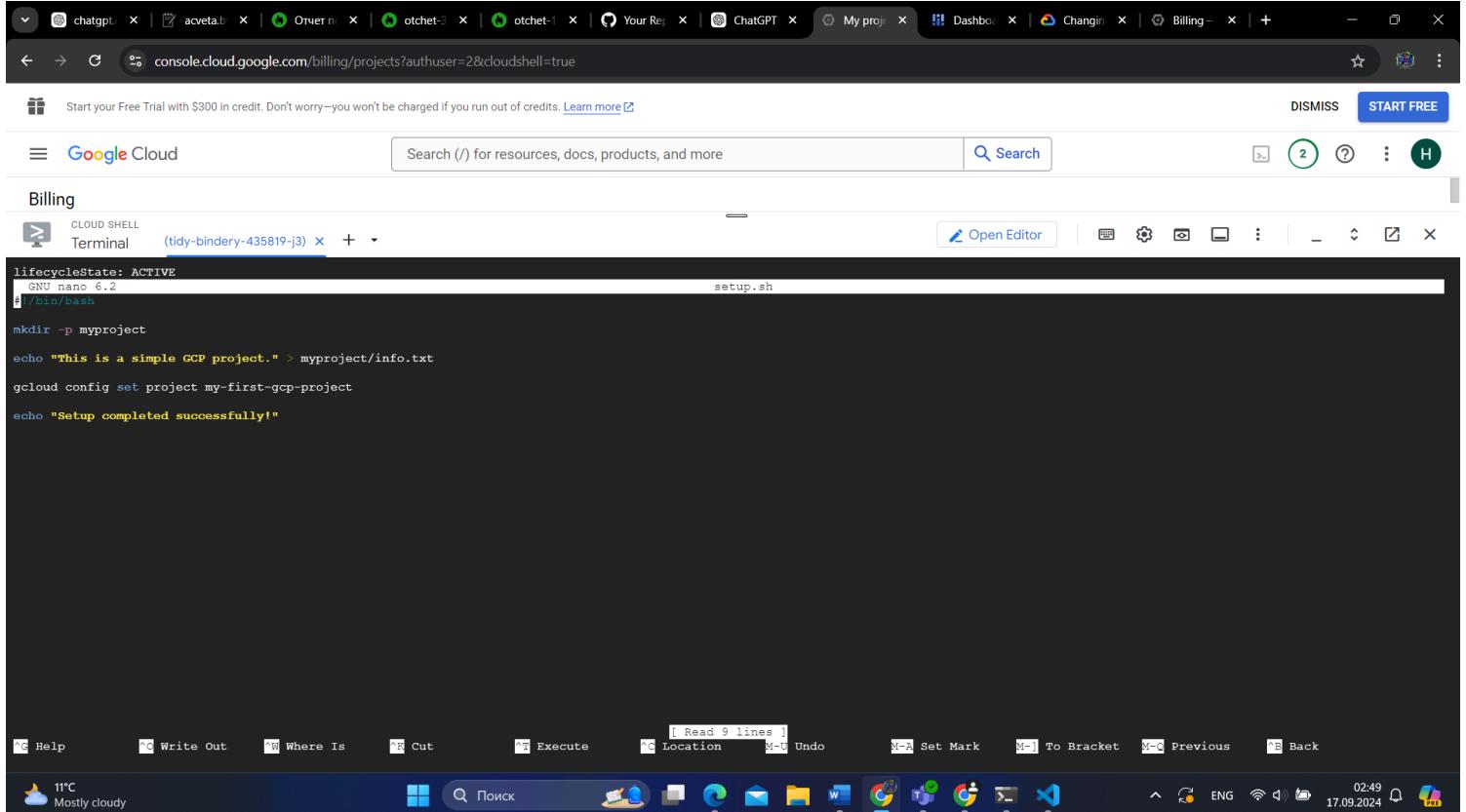
- 4.1. Create directory structure: mkdir -p myproject/{src,tests,docs}
- 4.2. Upload file: gsutil cp filename gs://bucket-name
- 4.3. List bucket contents: gsutil ls gs://bucket-name



```
lifecycleState: ACTIVE
name: My First GCP Project
projectId: some-id-kbtu-cloud-123
projectNumber: '70598456436'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123
Your project will be deleted.

Do you want to continue (Y/n)? y
Deleted [https://clouddresourcemanager.googleapis.com/v1/projects/some-id-kbtu-cloud-123].
You can undo this operation for a limited period by running the command below.
$ gcloud projects undelete some-id-kbtu-cloud-123

See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ mkdir -p myproject/src/tests/docs
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ touch myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ cat myproject/src/app.py
print("Hello, GCP!")
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://MY_BUCKET
Creating gs://MY_BUCKET/...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil ls gs://my-gsp-storage-bucket
BucketNotFoundException: 404 gs://my-gsp-storage-bucket/bucket does not exist.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```



```
lifecycleState: ACTIVE
GNU nano 6.2
#!/bin/bash
setup.sh
mkdir -p myproject
echo "This is a simple GCP project." > myproject/info.txt
gcloud config set project my-first-gcp-project
echo "Setup completed successfully!"
```

The first line, `#!/bin/bash`, is called a shebang. It tells the system to use the Bash shell to execute the script.

The `mkdir -p myproject` command creates a new directory called `myproject`.

The `echo` command writes a line of text into the `info.txt` file.

The `gcloud config set project` command sets the default project in Google Cloud SDK.

Finally, `echo "Setup completed successfully!"` prints a success message.

chatgpt x | acveta.b x | Over n x | otchet-3 x | otchet-1 x | Your Re x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?authuser=2&cloudshell=true

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Billing

CLOUD SHELL Terminal (tidy-bindery-435819-j3) + Open Editor

```
projectID: some-id-kbtu-cloud-123
projectNumber: '70598456436'
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gcloud projects delete some-id-kbtu-cloud-123
Your project will be deleted.

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

Deleted [https://clouddresemecmanagge.googleapis.com/v1/projects/some-id-kbtu-cloud-123].

You can undo this operation for a limited period by running the command below.
$ gcloud projects undelete some-id-kbtu-cloud-123

See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ mkdir -p myproject/{src,tests,docs}
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ touch myproject/src/app.py
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano myproject/src/app.py
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ cat myproject/src/app.py
print("Hello, GCP!")
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://MY_BUCKET
Creating gs://MY_BUCKET...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil ls gs://my-gsp-storage-bucket
BucketNotFoundException: 404 gs://my-gsp-storage-bucket bucket does not exist.
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ chmod +x setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$
```

11°C Mostly cloudy 02:49 17.09.2024

chatgpt x | acveta.b x | Over n x | otchet-3 x | otchet-1 x | Your Re x | ChatGPT x | My proj x | Dashboard x | Changin x | Billing - x | +

console.cloud.google.com/billing/projects?authuser=2&cloudshell=true

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Billing

CLOUD SHELL Terminal (my-first-gcp-project) + Open Editor

```
You can undo this operation for a limited period by running the command below.
$ gcloud projects undelete some-id-kbtu-cloud-123

See https://cloud.google.com/resource-manager/docs/creating-managing-projects for information on shutting down projects.
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q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ touch myproject/src/app.py
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano myproject/src/app.py
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ cat myproject/src/app.py
print("Hello, GCP!")
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ rm myproject/src/app.py
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Creating gs://MY_BUCKET...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil ls gs://my-gsp-storage-bucket
BucketNotFoundException: 404 gs://my-gsp-storage-bucket bucket does not exist.
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ chmod +x setup.sh
q125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ ./setup.sh
WARNING: [125amirbaynurbolat@gmail.com] does not have permission to access projects instance [my-first-gcp-project] (or it may not exist): The caller does not have permission. This command is authenticated as 125amirbaynurbolat@gmail.com which is the active account specified by the [core/account] property
Are you sure you wish to set property [core/project] to my-first-gcp-project?

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

Updated property [core/project].
Setup completed successfully!
q125amirbaynurbolat@cloudshell:~/gcp-intro (my-first-gcp-project)$
```

11°C Mostly cloudy 02:50 17.09.2024

```
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://MY_BUCKET
Creating gs://MY_BUCKET/...
BadRequestException: 400 Invalid bucket name: 'MY_BUCKET'
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://some-bucket-cloud-app
Creating gs://some-bucket-cloud-app/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil mb gs://my-gcp-storage-bucket
Creating gs://my-gcp-storage-bucket/...
AccessDeniedException: 403 The billing account for the owning project is disabled in state absent
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ gsutil ls gs://my-gcp-storage-bucket
BucketNotFoundException: 404 gs://my-gcp-storage-bucket bucket does not exist.
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ nano setup.sh
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ chmod +x setup.sh
g125amirbaynurbolat@cloudshell:~/gcp-intro (tidy-bindery-435819-j3)$ ./setup.sh
WARNING: [125amirbaynurbolat@gmail.com] does not have permission to access projects instance [my-first-gcp-project] (or it may not exist): The caller does not have permission. This command is authenticated as 125amirbaynurbolat@gmail.com which is the active account specified by the [core/account] property
Are you sure you wish to set property [core/project] to my-first-gcp-project?

Do you want to continue (Y/n)? y
Updated property [core/project].
Setup completed successfully!
g125amirbaynurbolat@cloudshell:~/gcp-intro (my-first-gcp-project)$ ls myproject
docs info.txt src tests
g125amirbaynurbolat@cloudshell:~/gcp-intro (my-first-gcp-project)$ cat myproject/info.txt
This is a simple GCP project.
g125amirbaynurbolat@cloudshell:~/gcp-intro (my-first-gcp-project)$ gcloud config list project
[core]
project = my-first-gcp-project
Your active configuration is: [cloudshell-4613]
g125amirbaynurbolat@cloudshell:~/gcp-intro (my-first-gcp-project)$
```

## 5. Questions:

5.1. Make script executable: chmod +x setup.sh

5.2. Ensure execution: Verify the script's output and check if the expected directories/files are created.

5.3. Automated steps: The script could create directories, files, and configure default settings:

Creating a directory (myproject).

Creating and writing to a file (info.txt).

Setting a default Google Cloud project using gcloud.