

```
Activities Terminal Wed 16:45
vishal@Quantiphi-747: ~
vishal@Quantiphi-747:~$ gsutil mb -l us-east1 gs://vishal-b-bucket/
Creating gs://vishal-b-bucket/...
vishal@Quantiphi-747:~$ gsutil cp Desktop/image1.jpg gs://vishal-b-bucket
Copying file://Desktop/image1.jpg [Content-Type=image/jpeg]...
/ [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$
```

Activities Firefox Web Browser Wed 16:46

Bucket details - Training - Google Cloud Platform - Mozilla Firefox

Google Acc... X Inbox (2) - v... X GCP Assign... X Bucket deta... X Google Clo... X Google Clo... X Google Cloud... X Listing Servi... X Quickstart: X

https://console.cloud.google.com/storage/browser/vishal-b-bucket?project=pe-training

Google Cloud Platform Training

Storage

Browser

Transfer

Transfer Appliance

Settings

Bucket details EDIT BUCKET REFRESH BUCKET

vishal-b-bucket

Objects Overview Permissions Bucket Lock

Upload files Upload folder Create folder Manage holds Delete

Filter by prefix...

Buckets / vishal-b-bucket

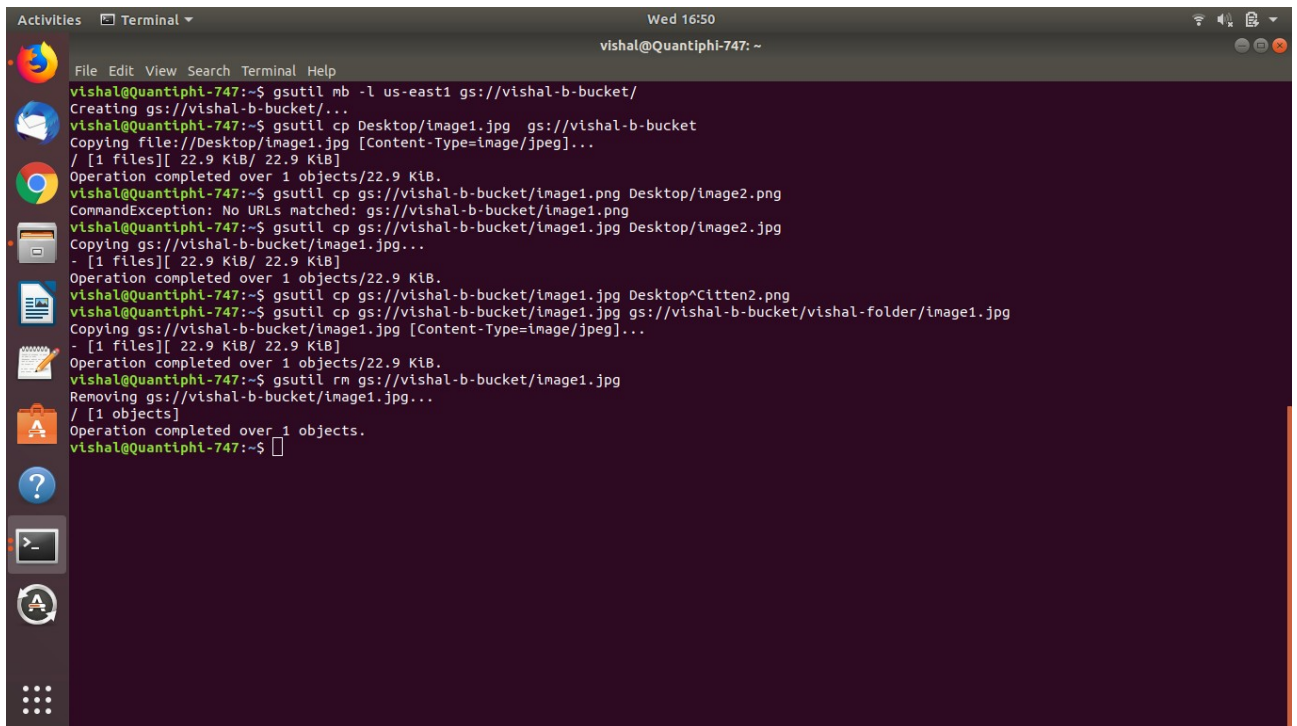
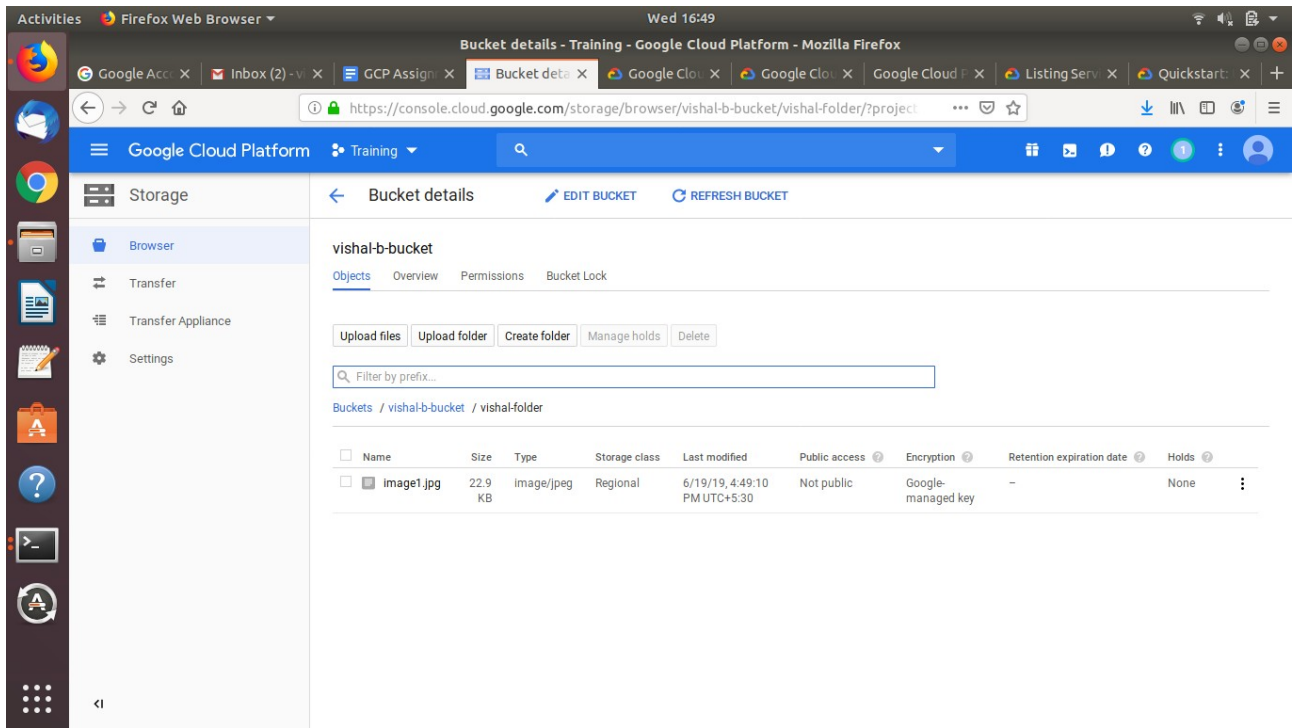
<input type="checkbox"/>	Name	Size	Type	Storage class	Last modified	Public access	Encryption	Retention expiration date	Holds
<input type="checkbox"/>	image1.jpg	22.9 KB	image/jpeg	Regional	6/19/19, 4:45:51 PM UTC+5:30	Not public	Google-managed key	-	None

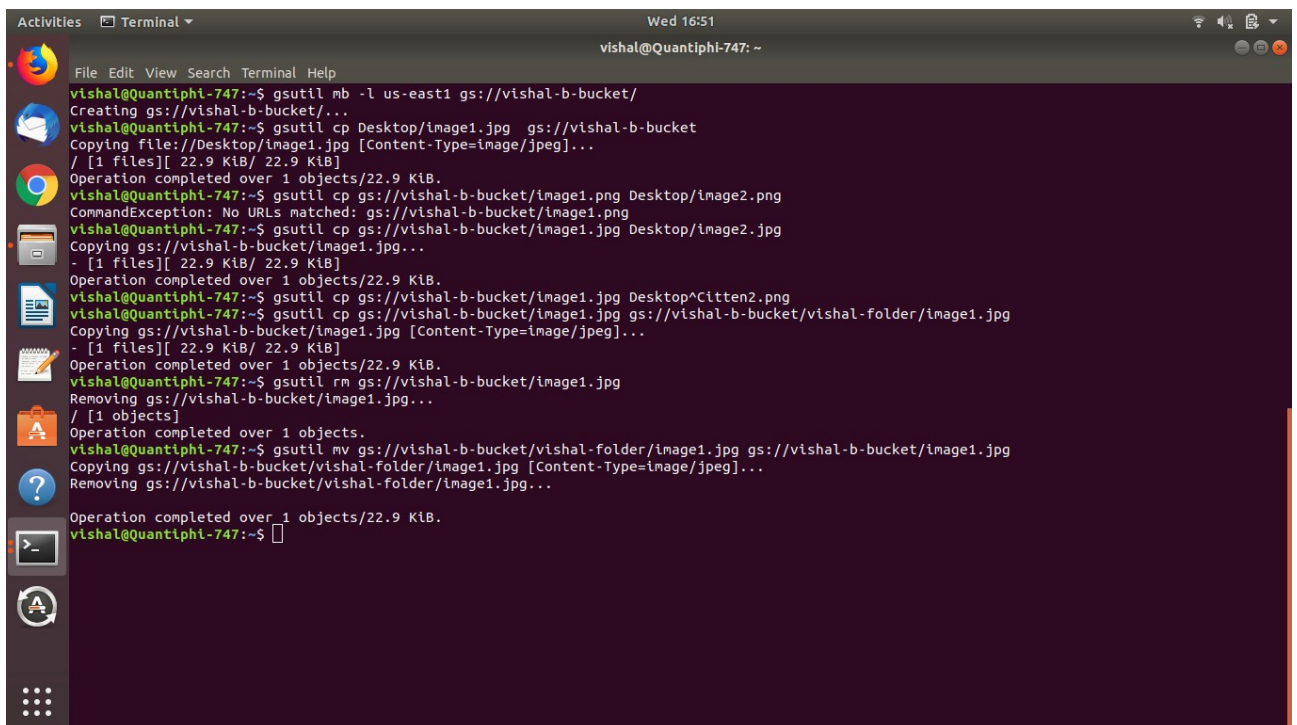
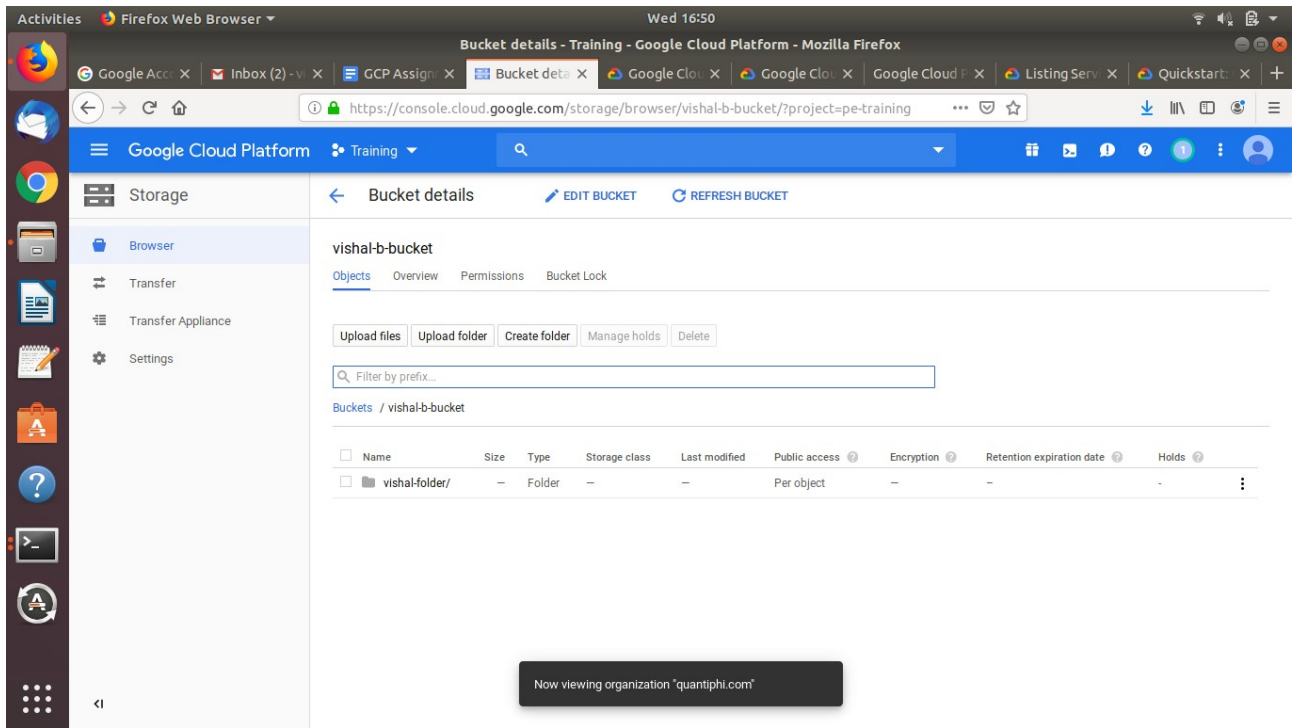
```
Activities Terminal Wed 16:47
vishal@Quantiphi-747: ~

vishal@Quantiphi-747:~$ gsutil mb -l us-east1 gs://vishal-b-bucket/
Creating gs://vishal-b-bucket/...
vishal@Quantiphi-747:~$ gsutil cp Desktop/image1.jpg gs://vishal-b-bucket
Copying file://Desktop/image1.jpg [Content-Type=image/jpeg]...
/ [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.png Desktop/image2.png
CommandException: No URLs matched: gs://vishal-b-bucket/image1.png
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.jpg Desktop/image2.jpg
Copying gs://vishal-b-bucket/image1.jpg...
- [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$
```

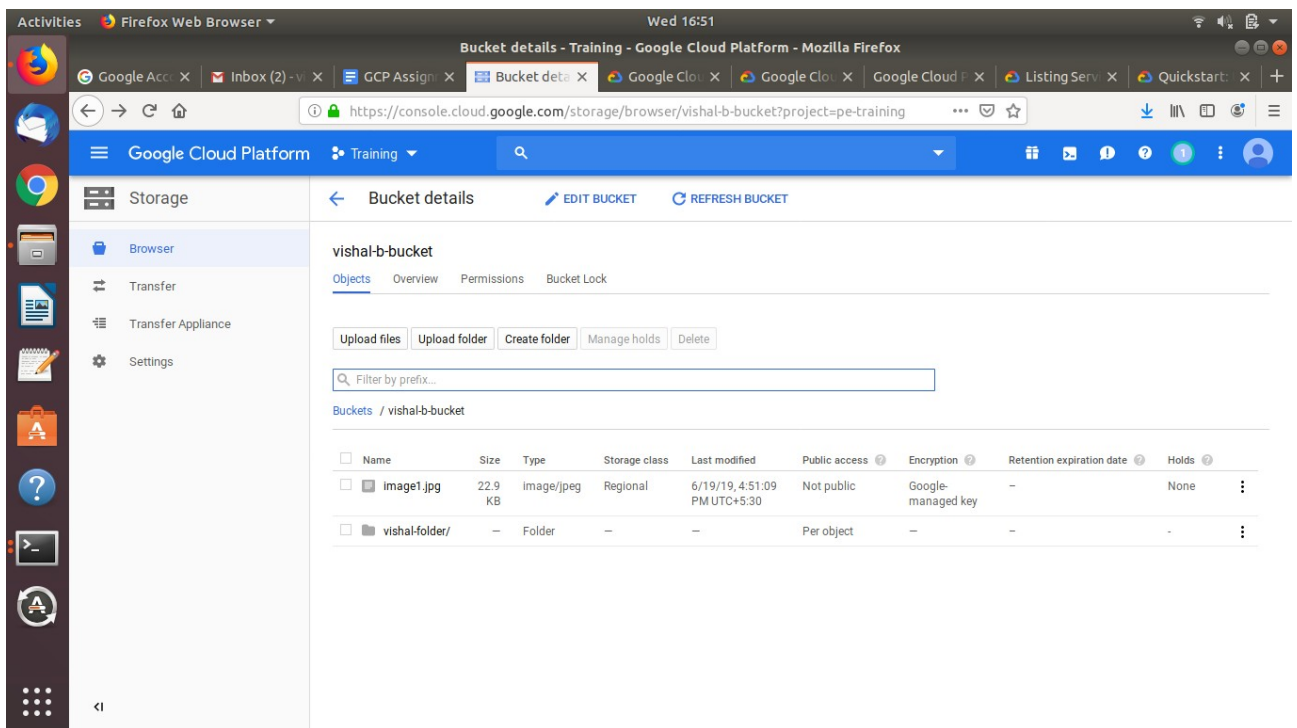
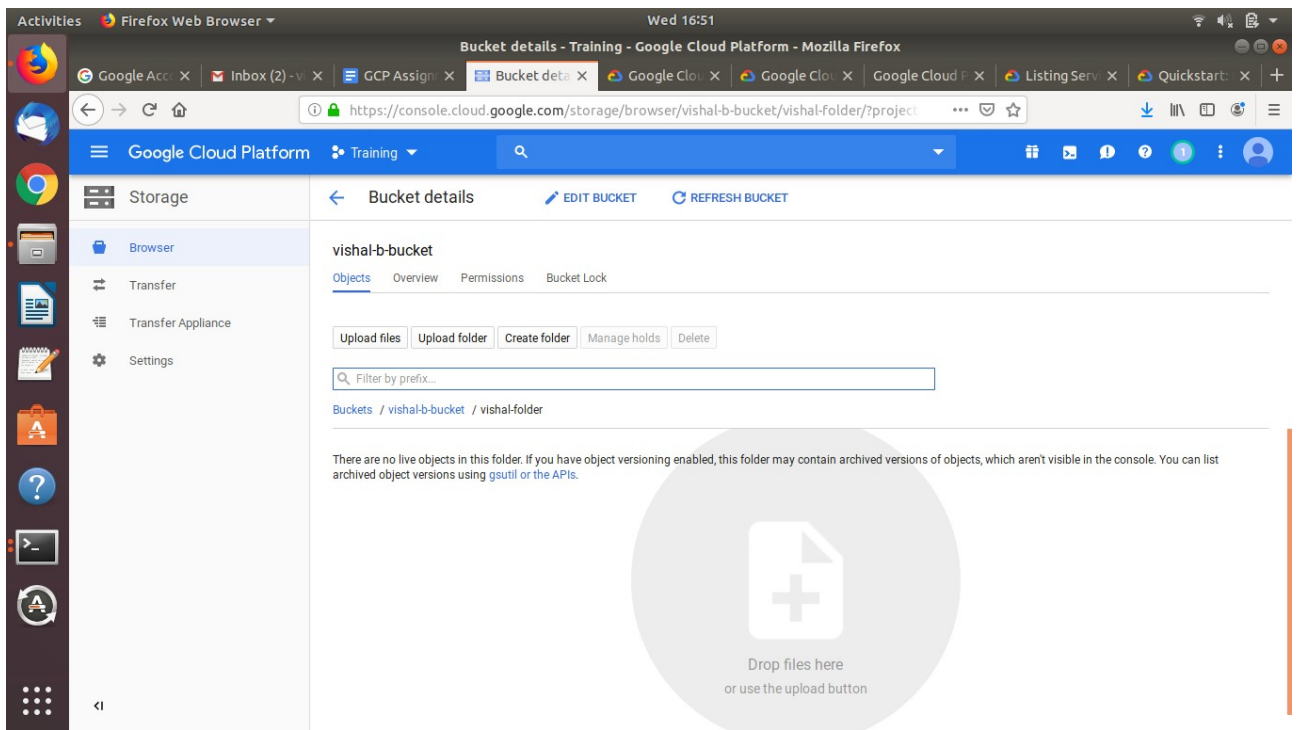
```
Activities Terminal Wed 16:49
vishal@Quantiphi-747: ~

vishal@Quantiphi-747:~$ gsutil mb -l us-east1 gs://vishal-b-bucket/
Creating gs://vishal-b-bucket/...
vishal@Quantiphi-747:~$ gsutil cp Desktop/image1.jpg gs://vishal-b-bucket
Copying file://Desktop/image1.jpg [Content-Type=image/jpeg]...
/ [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.png Desktop/image2.png
CommandException: No URLs matched: gs://vishal-b-bucket/image1.png
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.jpg Desktop/image2.jpg
Copying gs://vishal-b-bucket/image1.jpg...
- [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.jpg Desktop^Citten2.png
vishal@Quantiphi-747:~$ gsutil cp gs://vishal-b-bucket/image1.jpg gs://vishal-b-bucket/vishal-folder/image1.jpg
Copying gs://vishal-b-bucket/image1.jpg [Content-Type=image/jpeg]...
- [1 files][ 22.9 KiB/ 22.9 KiB]
Operation completed over 1 objects/22.9 KiB.
vishal@Quantiphi-747:~$
```









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Activities Terminal Wed 18:02
vishal@Quantiphi-747: ~
File Edit View Search Terminal Help
100% | 143kB 5.5MB/s
Collecting idna<2.9,>=2.5 (from requests<3.0.0dev,>=2.18.0->google-api-core<2.0.0dev,>=1.11.0->google-cloud-core<2.0.0dev,>=1.0.0->google-cloud-storage)
Downloading https://files.pythonhosted.org/packages/14/2c/cd551d81dbe15200be1cf41cd03869a46fe7226e7450af7a6545bfc474c9/idna-2.8-py2.py3-none-any.whl (58kB)
100% | 61kB 7.4MB/s
Collecting urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 (from requests<3.0.0dev,>=2.18.0->google-api-core<2.0.0dev,>=1.11.0->google-cloud-core<2.0.0dev,>=1.0.0->google-cloud-storage)
Downloading https://files.pythonhosted.org/packages/e6/60/247f23a7121ae632d62811ba7f273d0e58972d75e58a94d329d51550a47d/urllib3-1.25.3-py2.py3-none-any.whl (150kB)
100% | 153kB 7.0MB/s
Collecting certifi>=2017.4.17 (from requests<3.0.0dev,>=2.18.0->google-api-core<2.0.0dev,>=1.11.0->google-cloud-core<2.0.0dev,>=1.0.0->google-cloud-storage)
Downloading https://files.pythonhosted.org/packages/69/1b/b853c7a9d4f6a6d00749e94eb6f3a041e342a885b87340b79c1ef73e3a78/certifi-2019.6.16-py2.py3-none-any.whl (157kB)
100% | 163kB 4.4MB/s
Building wheels for collected packages: googleapis-common-protos
Running setup.py bdist_wheel for googleapis-common-protos ... done
Stored in directory: /home/vishal/.cache/pip/wheels/9e/3d/a2/1bec8bb7db80ab3216dbc33092bb7ccd0debfb8ba42b5668d5
Successfully built googleapis-common-protos
Installing collected packages: six, google-resumable-media, pyasn1, pyasn1-modules, rsa, cachetools, google-auth, setuptools, protobuf, pytz, chardet, idna, urllib3, certifi, requests, googleapis-common-protos, google-api-core, google-cloud-core, google-cloud-storage
Successfully installed cachetools-3.1.1 certifi-2019.6.16 chardet-3.0.4 google-api-core-1.12.0 google-auth-1.6.3 google-cloud-core-1.0.2 google-cloud-storage-1.16.1 google-resumable-media-0.3.2 googleapis-common-protos-1.6.0 idna-2.8 protobuf-3.8.0 pyasn1-0.4.5 pyasn1-modules-0.2.5 pytz-2019.1 requests-2.22.0 rsa-4.0 setuptools-41.0.1 six-1.12.0 urllib3-1.25.3
vishal@Quantiphi-747: ~$ python3 store.py
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings#warn_CLOUD_SDK_CREDENTIALS_WARNING
warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings#warn_CLOUD_SDK_CREDENTIALS_WARNING
warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
Bucket vishal-b-bucket-2 created.
vishal@Quantiphi-747: ~$
```

Activities Firefox Web Browser Wed 18:02

Browser - Training - Google Cloud Platform - Mozilla Firefox

Google A Pavankur Setting U GCP Assi Brows X Using Fir Google C Google C Google C Listing Se Cloud St port for s

https://console.cloud.google.com/storage/browser?project=pe-training&prefix=vishal

Google Cloud Platform Training

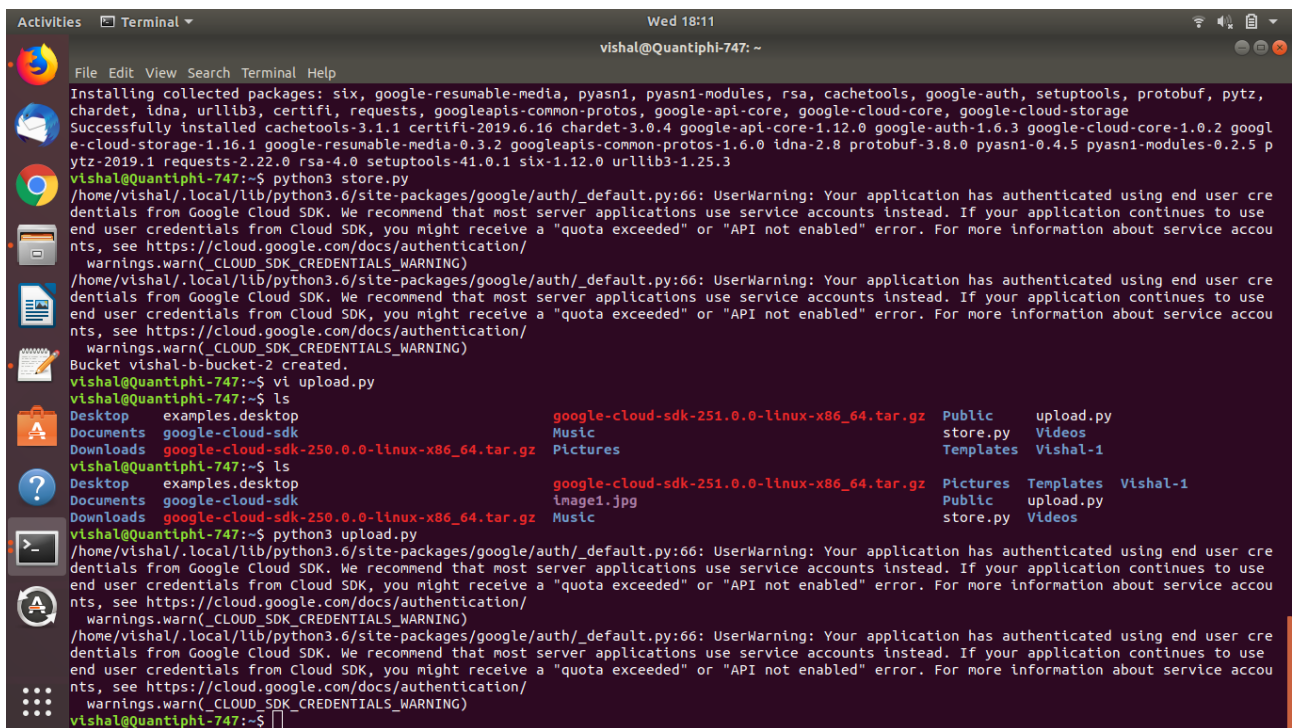
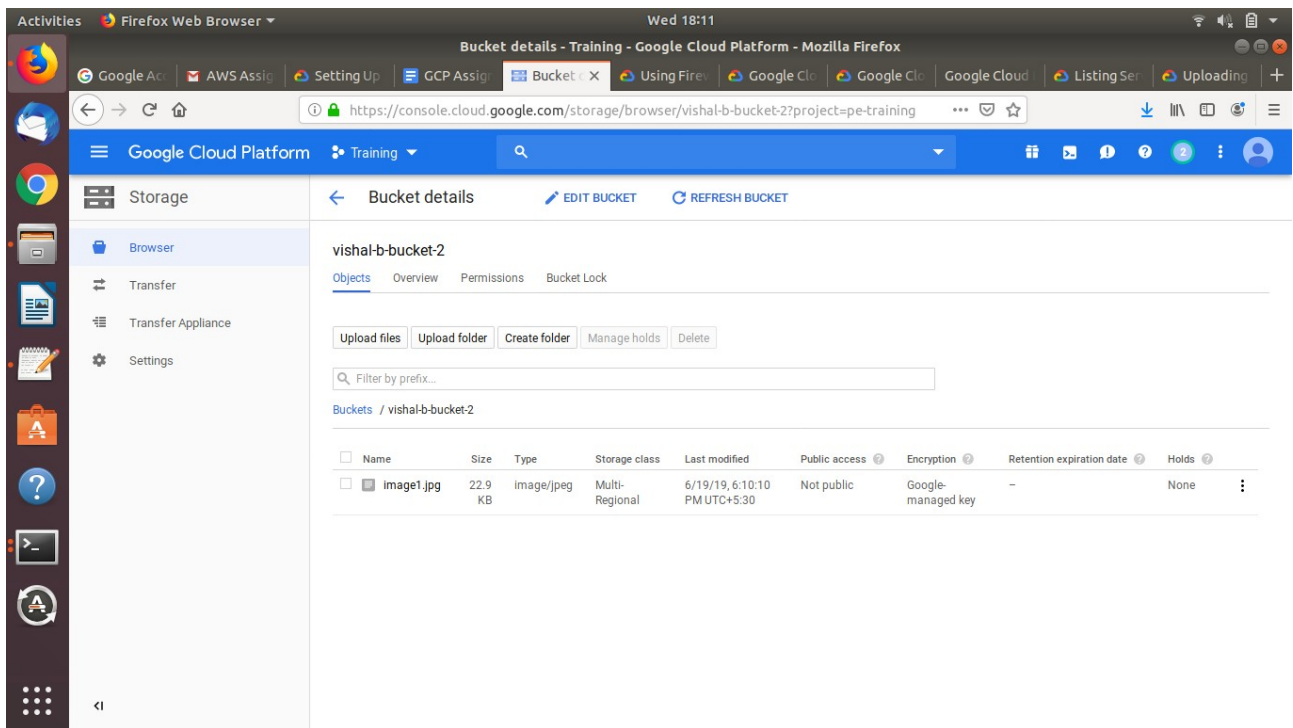
Storage Browser CREATE BUCKET REFRESH DELETE SHOW INFO PANEL

Browser

Search: vishal Columns

Buckets

<input type="checkbox"/>	Name	Default storage class	Location	Public access	Lifecycle	Access control model	Labels	Retention policy	Requester Pays	
<input type="checkbox"/>	vishal-b-bucket	Regional	us-east1 (South Carolina)	Per object	None	Bucket policy & ACLs			Off	
<input type="checkbox"/>	vishal-b-bucket2	Multi-Regional	us (multiple regions in United States)	Per object	None	Bucket policy & ACLs			Off	





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Activities Terminal Wed 18:18 vishal@Quantiphi-747: ~
File Edit View Search Terminal Help
Bucket vishal-b-bucket-2 created.
vishal@Quantiphi-747:~$ vi upload.py
vishal@Quantiphi-747:~$ ls
Desktop      examples.desktop      google-cloud-sdk-251.0.0-linux-x86_64.tar.gz  Public      upload.py
Documents    google-cloud-sdk       Music                                           store.py    Videos
Downloads    google-cloud-sdk-250.0.0-linux-x86_64.tar.gz  Pictures                                       Templates   Vishal-1
vishal@Quantiphi-747:~$ ls
Desktop      examples.desktop      google-cloud-sdk-251.0.0-linux-x86_64.tar.gz  Pictures  Templates  Vishal-1
Documents    google-cloud-sdk       image1.jpg                                     Public    upload.py
Downloads    google-cloud-sdk-250.0.0-linux-x86_64.tar.gz  Music                                           store.py  Videos
vishal@Quantiphi-747:~$ python3 upload.py
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
vishal@Quantiphi-747:~$ vi down.py
vishal@Quantiphi-747:~$ python3 down.py
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
/home/vishal/.local/lib/python3.6/site-packages/google/auth/_default.py:66: UserWarning: Your application has authenticated using end user credentials from Google Cloud SDK. We recommend that most server applications use service accounts instead. If your application continues to use end user credentials from Cloud SDK, you might receive a "quota exceeded" or "API not enabled" error. For more information about service accounts, see https://cloud.google.com/docs/authentication/warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
vishal@Quantiphi-747:~$ ls
Desktop      down.py               google-cloud-sdk-250.0.0-linux-x86_64.tar.gz  Music      Public      upload.py
Documents    examples.desktop      google-cloud-sdk-251.0.0-linux-x86_64.tar.gz  new_image.jpg  store.py    Videos
Downloads    google-cloud-sdk       image1.jpg                                     Pictures    Templates   Vishal-1
vishal@Quantiphi-747:~$
```