

```
Google Cloud cloud shel Search
CLOUD SHELL Terminal cloudshell x + Open Editor
Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. Learn more Don't show again Dismiss

Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
To set your Cloud Platform project in this session use `gcloud config set project [PROJECT_ID]`.
You can view your projects by running `gcloud projects list`.
shivani_23cs144@cloudshell:~$ mkdir demo
shivani_23cs144@cloudshell:~$ cd demo
shivani_23cs144@cloudshell:~/demo$ echo "Hello Cloud Shell">hello.txt
shivani_23cs144@cloudshell:~/demo$ cat hello.txt
Hello Cloud Shell
shivani_23cs144@cloudshell:~/demo$ chmod +x hello.txt
shivani_23cs144@cloudshell:~/demo$ ls -l
total 4
-rwxrwxr-x 1 shivani_23cs144 shivani_23cs144 18 Jan 31 05:53 hello.txt
shivani_23cs144@cloudshell:~/demo$ mkdir test
shivani_23cs144@cloudshell:~/demo$ rmdir test
shivani_23cs144@cloudshell:~/demo$ rm file.txt
rm: cannot remove 'file.txt': No such file or directory
shivani_23cs144@cloudshell:~/demo$ cp a.txt b.txt
cp: cannot stat 'a.txt': No such file or directory
shivani_23cs144@cloudshell:~/demo$ mv a.txt folder/
mv: cannot stat 'a.txt': No such file or directory
shivani_23cs144@cloudshell:~/demo$ touch a.txt
shivani_23cs144@cloudshell:~/demo$ echo "Hello Google cloud">a.txt
shivani_23cs144@cloudshell:~/demo$ cat a.txt
hello worldHello Google cloud
Hello Google cloud
shivani_23cs144@cloudshell:~/demo$ cp a.txt b.txt
shivani_23cs144@cloudshell:~/demo$ mv a.txt folder/
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shivani_23cs144@cloudshell:~/demo$ cat b.txt
Hello Google cloud
shivani_23cs144@cloudshell:~/demo$ mv a.txt test /
mv: cannot create regular file '/a.txt': Permission denied
mv: cannot stat 'test': No such file or directory
shivani_23cs144@cloudshell:~/demo$ less a.txt
[1]+ Stopped less a.txt
shivani_23cs144@cloudshell:~/demo$ head a.txt
Hello Google cloud
shivani_23cs144@cloudshell:~/demo$ tail a.txt
Hello Google cloud
shivani_23cs144@cloudshell:~/demo$ nano a.txt
shivani_23cs144@cloudshell:~/demo$ cat a.txt
hello worldHello Google cloud
shivani_23cs144@cloudshell:~/demo$ vi a.txt
[2]+ Stopped vi a.txt
shivani_23cs144@cloudshell:~/demo$ whoami
shivani_23cs144
shivani_23cs144@cloudshell:~/demo$ uname -a
Linux cs-949124429401-default 6.6.111+ #1 SMP PREEMPT_DYNAMIC Tue Dec 30 10:04:55 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux
shivani_23cs144@cloudshell:~/demo$ df -h
Filesystem Size Used Avail Use% Mounted on
overlay 95G 55G 41G 58% /
tmpfs 64M 0 64M 0% /dev
/dev/sdal 95G 55G 41G 58% /root
/dev/disk/by-id/google-home-part1 4.8G 156M 4.4G 4% /home
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/dev/sdal          95G   55G   41G   58% /root
/dev/disk/by-id/google-home-part1 4.8G 156M 4.4G 4% /home
/dev/root          2.0G 1.2G 760M 62% /usr/lib/modules
shm                64M   0    64M   0% /dev/shm
shivani_23cs144@cloudshell:~/demo$ du -sh *
4.0K    a.txt
4.0K    b.txt
4.0K    hello.txt
shivani_23cs144@cloudshell:~/demo$ free -h
              total        used        free      shared  buff/cache   available
Mem:          7.8Gi        2.3Gi        4.1Gi        1.1Mi        1.6Gi        5.4Gi
Swap:          0B           0B           0B
shivani_23cs144@cloudshell:~/demo$ uptime
06:27:29 up 1:16, 0 user, load average: 1.72, 1.83, 1.79
shivani_23cs144@cloudshell:~/demo$ env
SHELL=/bin/bash
USE_CLOUD_SDK_PYTHON3=
TMUX=/tmp/tmux-1000/default,647,0
GOOGLE_CLOUD_SHELL=true
HISTSIZE=1000
JAVA_HOME=/usr/lib/jvm/java-17-openjdk-amd64
CLOUD_SHELL=true
DEVSHIELD_PROJECT_ID=
DOTNET_SKIP_FIRST_TIME_EXPERIENCE=1
ASPNETCORE_URLS=http://*:8080
PWD=/home/shivani_23cs144/demo
LOGNAME=shivani_23cs144
DEVSHIELD_CLIENTS_DIR=/var/run/google/devshell
```

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DEVSHIELD_CLIENTS_DIR=/var/run/google/devshell
WEB_HOST=cs-d4243c14-d4a8-4c8e-91f0-9f696b861052.cs-asia-southeast1-ajrg.cloudshell.dev
HOME=/home/shivani_23cs144
LANG=en_US.UTF-8
LS_COLORS=rs=0:di=01:34:ln=01:36:mh=00:pi=40:33:so=01:35:do=01:35:bd=40:33:01:cd=40:33:01:or=40:31:01:mi=00:su=37:41:sg=30:43:ca=00:tw=30:42:ow=34:42:st=37:4
4:ex=01:32:*.tar=01:31:*.tgz=01:31:*.arc=01:31:*.arj=01:31:*.taz=01:31:*.lha=01:31:*.lzh=01:31:*.lzm=01:31:*.tlz=01:31:*.txz=01:31:*.tzo=01:31:*.
.t7z=01:31:*.zip=01:31:*.z=01:31:*.dz=01:31:*.gz=01:31:*.lrz=01:31:*.lz=01:31:*.lzo=01:31:*.xz=01:31:*.zst=01:31:*.tzt=01:31:*.bz2=01:31:*.bz=01:31:*.tbz=01
:31:*.tbz2=01:31:*.tz=01:31:*.deb=01:31:*.rpm=01:31:*.jar=01:31:*.war=01:31:*.ear=01:31:*.sar=01:31:*.rar=01:31:*.alz=01:31:*.ace=01:31:*.zoo=01:31:*.cpio=01
:31:*.7z=01:31:*.rz=01:31:*.cab=01:31:*.wim=01:31:*.swm=01:31:*.dwm=01:31:*.ead=01:31:*.avif=01:35:*.jpg=01:35:*.jpeg=01:35:*.mjpg=01:35:*.mjpeg=01:35:*.gif=
01:35:*.bmp=01:35:*.pbm=01:35:*.pgm=01:35:*.ppm=01:35:*.tga=01:35:*.xbm=01:35:*.xpm=01:35:*.tif=01:35:*.tiff=01:35:*.png=01:35:*.svg=01:35:*.svgz=01:35:*.mng
=01:35:*.pck=01:35:*.mov=01:35:*.mpg=01:35:*.mpeg=01:35:*.m2v=01:35:*.mkv=01:35:*.webm=01:35:*.webp=01:35:*.ogm=01:35:*.mp4=01:35:*.m4v=01:35:*.mp4v=01:35:*.
vob=01:35:*.qt=01:35:*.nuv=01:35:*.wmv=01:35:*.asf=01:35:*.rm=01:35:*.rmvb=01:35:*.flc=01:35:*.avi=01:35:*.fli=01:35:*.flv=01:35:*.gl=01:35:*.dl=01:35:*.xcf=
01:35:*.xwd=01:35:*.yuv=01:35:*.cgm=01:35:*.emf=01:35:*.cgy=01:35:*.cpx=01:35:*.aac=00:36:*.au=00:36:*.flac=00:36:*.m4a=00:36:*.mid=00:36:*.midi=00:36:*.mka=
00:36:*.mp3=00:36:*.mpe=00:36:*.ogg=00:36:*.ra=00:36:*.wav=00:36:*.oga=00:36:*.opus=00:36:*.spx=00:36:*.xspf=00:36:*.00:90:*.bak=00:90:*.crdownload
=00:90:*.dpg=00:90:*.dpg-new=00:90:*.dpg-old=00:90:*.dpg-tmp=00:90:*.old=00:90:*.orig=00:90:*.part=00:90:*.rej=00:90:*.rpmnew=00:90:*.rpmorig=00:90:
*.rpmnew=00:90:*.swp=00:90:*.tmp=00:90:*.ucf=00:90:*.ucf-new=00:90:*.ucf-old=00:90:
CLOUDSDK_CONFIG=/tmp/tmp.jWlF9YmDb
MINIKUBE_FORCE_SYSTEMD=true
DEVSHIELD_SERVER_URL=https://ssh.cloud.google.com
PROMPT_COMMAND=history -a;update devshell_project_id && /dev/null
SSH_CONNECTION=127.0.0.1 38374 127.0.0.1 22
DOTNET_BUNDLE_EXTRACT_BASE_DIR=/home/shivani_23cs144/.cache/dotnet_bundle_extract
CUSTOM_ENVIRONMENT=
GEM_PATH=/home/shivani_23cs144/.gems:/usr/local/lib/ruby/gems/3.2.0/
GEM_HOME=/home/shivani_23cs144/.gems
LESSCLOSE=/usr/bin/lesspipe %s %s
CLOUDSHELL_OPEN_DIR=cloudshell_open
TERM=tmux-256color
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CLOUDSHELL_OPEN_DIR=cloudshell_open
TERM=tmux-256color
CLOUDSDK_DIAGNOSTICS_HIDDEN_PROPERTY_ALLOWLIST=compute/gce_metadata_read_timeout_sec
LESSOPEN=| /usr/bin/lesspipe %s
USER=shivani_23cs144
TMUX_PANE=%0
CLOUD_SHELL_IMAGE_VERSION=
GCE_METADATA_HOST=169.254.169.254
BASHRC_PATH=/home/shivani_23cs144/.bashrc
CLOUDSDK_DIAGNOSTICS_HIDDEN_PROPERTY_WHITELIST=compute/gce_metadata_read_timeout_sec
SHLVL=3
TRUSTED_ENVIRONMENT=true
TMP_CLOUDSDK_CONFIG=/tmp/tmp.jWlFYmDb
CLOUDSHELL_ENVIRONMENT=prod
USER_EMAIL=shivani.23cs144@sode-edu.in
ACTIVE_CUSTOM_IMAGE=
BASHRC_GOOGLE_PATH=/google/devshell/bashrc.google
PS1=\[e\]o${DEVSHIELD_PROJECT_ID:-Cloud Shell}\a\]\u@cloudshell:\[\033[1;34m\]\w$([[ -n $DEVSHIELD_PROJECT_ID ]] && printf " \[\033[1;33m\](%) " ${DEVSHIELD_PROJECT_ID}) \[\033[00m\]$ \[\033k$([[ -n $DEVSHIELD_PROJECT_ID ]] && printf "(%) " ${DEVSHIELD_PROJECT_ID} || printf "cloudshell")\033\\]
SSH_CLIENT=127.0.0.1 38374 22
MINIKUBE_HOME=/google/minikube
DEBUGINFOD_URLS=https://debuginfod.ubuntu.com
DOCKER_HOST=unix:///var/run/docker.sock
DEVSHIELD_IP_ADDRESS=34.126.78.101
V2V_GCP_V2V_IMAGE=projects/v2v-community/global/images/family/v2v-stable
BROWSER=echo
PATH=/opt/gradle/bin:/opt/maven/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/go/bin:/usr/local/node_packages/node_modules/.bin:/usr/local/rvm/bin:/home/shivani_23cs144/.gems/bin:/usr/local/rvm/bin:/home/shivani_23cs144/gopath/bin:/google/gopath/bin:/google/flutter/bin:/usr/local/nvm
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BROWSER=echo
PATH=/opt/gradle/bin:/opt/maven/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/go/bin:/usr/local/node_packages/node_modules/.bin:/usr/local/rvm/bin:/home/shivani_23cs144/.gems/bin:/usr/local/rvm/bin:/home/shivani_23cs144/gopath/bin:/google/gopath/bin:/google/flutter/bin:/usr/local/nvm:/versions/node/v24.12.0/bin
HISTFILESIZE=1000
SSH_TTY=/dev/pts/1
DEVSHIELD_GCLOUD_CONFIG=cloudshell-19667
USE_GKE_GCLOUD_AUTH_PLUGIN=True
API_DOGFOOD=
GOPATH=/home/shivani_23cs144/gopath:/google/gopath
MINIKUBE_WANTUPDATENOTIFICATION=False
CREDENTIALS_SERVICE_PORT=8998
~/usr/bin/env
OLDPWD=/home/shivani_23cs144
shivani_23cs144@cloudshell:~/demo$ mv a.txt test
shivani_23cs144@cloudshell:~/demo$ echo $HOME
/home/shivani_23cs144
shivani_23cs144@cloudshell:~/demo$ export MYVAR=123
shivani_23cs144@cloudshell:~/demo$ gcloud auth list
Credentialed Accounts

ACTIVE: *
ACCOUNT: shivani.23cs144@sode-edu.in

To set the active account, run:
$ gcloud config set account 'ACCOUNT'

shivani_23cs144@cloudshell:~/demo$ gcloud config list project
```

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Credentialed Accounts

ACTIVE: *
ACCOUNT: shivani.23cs144@sode-edu.in

To set the active account, run:
$ gcloud config set account 'ACCOUNT'

shivani_23cs144@cloudshell:~/demo$ gcloud config list project
[core]
project (unset)

Your active configuration is: [cloudshell-19667]
shivani_23cs144@cloudshell:~/demo$ gcloud config set project PROJECT_ID
WARNING: INVALID_ARGUMENT: Request contains an invalid argument.
Are you sure you wish to set property [core/project] to PROJECT_ID?

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

ERROR: (gcloud.config.set) The project property must be set to a valid project ID, not the project name [PROJECT_ID]
To set your project, run:

$ gcloud config set project PROJECT_ID

or to unset it, run:

$ gcloud config unset project
shivani_23cs144@cloudshell:~/demo$
```