

```
azureuser@newvm: ~/newfolder
Get:13 http://azure.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 Pack
ages [1700 kB]
Get:14 http://azure.archive.ubuntu.com/ubuntu bionic-updates/universe Translati
on-en [358 kB]
Get:15 http://azure.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Pa
ckages [85.6 kB]
Get:16 http://azure.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translat
ion-en [7180 B]
Get:17 http://azure.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packag
es [10.0 kB]
Get:18 http://azure.archive.ubuntu.com/ubuntu bionic-backports/main Translation-
en [4764 B]
Get:19 http://azure.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Pa
ckages [10.3 kB]
Get:20 http://azure.archive.ubuntu.com/ubuntu bionic-backports/universe Translat
ion-en [4588 B]
Get:21 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [14
54 kB]
Get:22 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [28
4 kB]
Get:23 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packag
es [185 kB]
Get:24 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation-
en [24.3 kB]
Get:25 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages
[1094 kB]
Get:26 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en
[244 kB]
Get:27 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packag
es [12.8 kB]
Get:28 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-
en [2872 B]
Fetched 21.9 MB in 5s (4390 kB/s)
Reading package lists... Done
azureuser@newvm:~$ ls
azureuser@newvm:~$ pwd
/home/azureuser
azureuser@newvm:~$ mkdir newfolder
azureuser@newvm:~$ cd newfolder
azureuser@newvm:~/newfolder$ touch new.txt
azureuser@newvm:~/newfolder$ echo hello,my name is vamsi >> new.txt
azureuser@newvm:~/newfolder$ head -n 5 new.txt
hello,my name is vamsi
azureuser@newvm:~/newfolder$
```

```
azureuser@newvm:~$
*** System restart required ***
Last login: Tue Jan  5 05:08:33 2021 from 49.204.184.223
azureuser@newvm:~$ sudo apt-get update
Hit:1 http://azure.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://azure.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]
Get:4 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Fetched 252 kB in 0s (616 kB/s)
Reading package lists... Done
azureuser@newvm:~$ sudo apt-get install mysql-server -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaio1 libbgi-fast-perl libbgi-pm-perl libencode-locale-perl
  libevent-core-2.1-6 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmime-date-perl liburi-perl mysql-client-5.7
  mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinycat
The following NEW packages will be installed:
  libaio1 libbgi-fast-perl libbgi-pm-perl libencode-locale-perl
  libevent-core-2.1-6 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmime-date-perl liburi-perl mysql-client-5.7
  mysql-client-core-5.7 mysql-common mysql-server mysql-server-5.7
  mysql-server-core-5.7
0 upgraded, 21 newly installed, 0 to remove and 15 not upgraded.
Need to get 19.7 MB of archives.
After this operation, 157 MB of additional disk space will be used.
Get:1 http://azure.archive.ubuntu.com/ubuntu bionic/main amd64 mysql-common all
5.8+1.0.4 [7308 B]
Get:2 http://azure.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libaio1 a
md64 0.3.110-Subuntu0.1 [6476 B]
Get:3 http://azure.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-cli
ent-core-5.7 amd64 5.7.32-0ubuntu0.18.04.1 [6660 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-cli
ent-5.7 amd64 5.7.32-0ubuntu0.18.04.1 [1943 kB]
Get:5 http://azure.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-ser
ver-core-5.7 amd64 5.7.32-0ubuntu0.18.04.1 [7455 kB]
Get:6 http://azure.archive.ubuntu.com/ubuntu bionic/main amd64 libevent-core-2.1
```

Technical training (S... 03:02:41

DN

Microphone icon, Camera icon, Screen share icon, End call icon

```
azureuser@newvm: ~/wedding-website
azureuser@newvm:~$ wget
wget: missing URL
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.
azureuser@newvm:~$ wget https://www.google.com
--2021-01-05 06:46:35-- https://www.google.com/
Resolving www.google.com (www.google.com)... 172.253.122.147, 172.253.122.106, 172.253.122.104, ...
Connecting to www.google.com (www.google.com)[172.253.122.147]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: 'index.html'

index.html      [ <> ] 12.60K --.-KB/s  in 0s

2021-01-05 06:46:35 (39.4 MB/s) = 'index.html' saved [12905]

azureuser@newvm:~$ sudo apt-get install git -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
git is already the newest version (1:2.17.1-1ubuntu0.7).
0 upgraded, 0 newly installed, 0 to remove and 15 not upgraded.
azureuser@newvm:~$ git clone https://github.com/rampatra/wedding-website
Cloning into 'wedding-website'...
remote: Enumerating objects: 8371, done.
remote: Total 8371 (delta 0), reused 0 (delta 0), pack-reused 8371
Receiving objects: 100% (8371/8371), 57.54 MiB | 31.08 MiB/s, done.
Resolving deltas: 100% (2146/2146), done.
Checking out files: 100% (7943/7943), done.
azureuser@newvm:~$ cd wedding-website
azureuser@newvm:~/wedding-website$ ls
CNAME          favicon-256x256.png  manifest.json
LICENSE        favicon-32x32.png   msstile-150x150.png
README.md      favicon-64x64.png   node_modules
android-chrome-192x192.png  favicon.ico         npmfile.js
android-chrome-256x256.png  fonts              package-lock.json
apple-touch-icon.png        gulpfile.js        package.json
browserconfig.xml           img                psd
css                         index.html         safari-pinned-tab.svg
favicon-16x16.png           js                 sass
azureuser@newvm:~/wedding-website$
```

```
azureuser@newvm:~/wedding-website
-rw-rw-r-- 1 azureuser azureuser 822 Jan 5 06:57 gulpfile.js
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 img
-rwxrwxr-x 1 azureuser azureuser 24348 Jan 5 06:57 index.html
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 js
-rw-rw-r-- 1 azureuser azureuser 401 Jan 5 06:57 manifest.json
-rw-rw-r-- 1 azureuser azureuser 11348 Jan 5 06:57 msstile-150x150.png
drwxrwxr-x 385 azureuser azureuser 12288 Jan 5 06:57 node_modules
-rw-rw-r-- 1 azureuser azureuser 91 Jan 5 06:57 npmfile.js
-rw-rw-r-- 1 azureuser azureuser 167643 Jan 5 06:57 package-lock.json
-rw-rw-r-- 1 azureuser azureuser 756 Jan 5 06:57 package.json
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 psd
-rw-rw-r-- 1 azureuser azureuser 2665 Jan 5 06:57 safari-pinned-tab.svg
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 sass
azureuser@newvm:~/wedding-website$ ls *
safari-pinned-tab.svg

sass:
ie.scss partials print.scss styles.scss
azureuser@newvm:~/wedding-website$ ls st*
ls: cannot access 'st*': No such file or directory
azureuser@newvm:~/wedding-website$ ls sa*
safari-pinned-tab.svg

sass:
ie.scss partials print.scss styles.scss
azureuser@newvm:~/wedding-website$ ls p*
package-lock.json package.json

psd:
favicon.psd instagram.psd iphone instagram.psd logo-lg.psd logo.psd sophia-font
azureuser@newvm:~/wedding-website$ rm imgs2/
rm: cannot remove 'imgs2/': No such file or directory
azureuser@newvm:~/wedding-website$ rm -r imgs2/
rm: cannot remove 'imgs2/': No such file or directory
azureuser@newvm:~/wedding-website$ rm -r imgs/
rm: cannot remove 'imgs/': No such file or directory
azureuser@newvm:~/wedding-website$ rm -r img/
azureuser@newvm:~/wedding-website$ nano newfile.txt
azureuser@newvm:~/wedding-website$ vi newfile2.txt
azureuser@newvm:~/wedding-website$ cat newfile2.txt

this the content of file

azureuser@newvm:~/wedding-website$
```

```
root@newvm: ~  
-rw-rw-r-- 1 azureuser azureuser 2529 Jan 5 06:57 favicon-32x32.png  
-rw-rw-r-- 1 azureuser azureuser 6119 Jan 5 06:57 favicon-64x64.png  
-rw-rw-r-- 1 azureuser azureuser 15086 Jan 5 06:57 favicon.ico  
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 fonts  
-rw-rw-r-- 1 azureuser azureuser 822 Jan 5 06:57 gulpfile.js  
-rwxrwxr-x 1 azureuser azureuser 24348 Jan 5 06:57 index.html  
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 js  
-rw-rw-r-- 1 azureuser azureuser 401 Jan 5 06:57 manifest.json  
-rw-rw-r-- 1 azureuser azureuser 11348 Jan 5 06:57 mstile-150x150.png  
-r--r--r-- 1 azureuser azureuser 24 Jan 5 07:50 newfile.txt  
-rw-rw-r-- 1 azureuser azureuser 27 Jan 5 07:53 newfile2.txt  
drwxrwxr-x 385 azureuser azureuser 12288 Jan 5 06:57 node_modules  
-rw-rw-r-- 1 azureuser azureuser 91 Jan 5 06:57 npmfile.js  
-rw-rw-r-- 1 azureuser azureuser 167643 Jan 5 06:57 package-lock.json  
-rw-rw-r-- 1 azureuser azureuser 756 Jan 5 06:57 package.json  
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 pad  
-rw-rw-r-- 1 azureuser azureuser 2665 Jan 5 06:57 safari-pinned-tab.svg  
drwxrwxr-x 3 azureuser azureuser 4096 Jan 5 06:57 sass  
azureuser@newvm:~/wedding-website$ chmod +rx newfile.txt  
azureuser@newvm:~/wedding-website$ chmod +x newfile.txt  
azureuser@newvm:~/wedding-website$ chmod -wx newfile.txt  
azureuser@newvm:~/wedding-website$ chown azureuser newfile.txt  
azureuser@newvm:~/wedding-website$ cat newfile.txt  
this is the new content  
azureuser@newvm:~/wedding-website$ echo my name is vamsi >> newfile.txt  
-bash: newfile.txt: Permission denied  
azureuser@newvm:~/wedding-website$ chmod +rx newfile.txt  
azureuser@newvm:~/wedding-website$ echo my name is vamsi >> newfile.txt  
azureuser@newvm:~/wedding-website$ grep vamsi newfile.txt  
my name is vamsi  
azureuser@newvm:~/wedding-website$ awk '{vamsi}' newfile.txt  
azureuser@newvm:~/wedding-website$ awk '{print}' newfile.txt  
this is the new content  
my name is vamsi  
azureuser@newvm:~/wedding-website$ adduser vamsi  
adduser: Only root may add a user or group to the system.  
azureuser@newvm:~/wedding-website$ sudo -i  
root@newvm:~# adduser vamsi  
Adding user 'vamsi' ...  
Adding new group 'vamsi' (1001) ...  
Adding new user 'vamsi' (1001) with group 'vamsi' ...  
Creating home directory /home/vamsi' ...  
Copying files from '/etc/skel' ...  
Enter new UNIX password:  
root@newvm:~#
```

```
root@newvm: ~  
*** System restart required ***  
Last login: Tue Jan 5 08:39:25 2021 from 49.204.184.223  
azureuser@newvm:~$ sudo apt-get update  
Hit:1 http://azure.archive.ubuntu.com/ubuntu bionic InRelease  
Get:2 http://azure.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]  
Get:3 http://azure.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]  
Hit:4 http://security.ubuntu.com/ubuntu bionic-security InRelease  
Fetched 163 kB in 0s (411 kB/s)  
Reading package lists... Done  
azureuser@newvm:~$ cd wedding-website  
azureuser@newvm:~/wedding-website$ sudo -i  
root@newvm:~# adduser vamsi  
Adding user 'vamsi' ...  
Adding new group 'vamsi' (1001) ...  
Adding new user 'vamsi' (1001) with group 'vamsi' ...  
Creating home directory /home/vamsi' ...  
Copying files from '/etc/skel' ...  
Enter new UNIX password:  
Retype new UNIX password:  
Sorry, passwords do not match  
passwd: Authentication token manipulation error  
passwd: password unchanged  
Try again? [y/N] n  
Changing the user information for vamsi  
Enter the new value, or press ENTER for the default  
Full Name []: vamsi  
Room Number []: 1  
Work Phone []: 7989583127  
Home Phone []: 9505885891  
Other []:  
Is the information correct? [Y/n] y  
root@newvm:~# userdel vamsi  
root@newvm:~# addgroup azure2  
Adding group 'azure2' (GID 1001) ...  
Done.  
root@newvm:~# delgroup azure2  
Removing group 'azure2' ...  
Done.  
root@newvm:~# usermod -c "this is test user" test_user  
usermod: user 'test_user' does not exist  
root@newvm:~# usermod -c "this is test user" azureuser  
root@newvm:~#
```