

\* Uninstall xampp

\*Update your system

```
mca@T70: ~  
File Edit View Search Terminal Help  
mca@T70:~$ sudo /opt/lampp/uninstall  
[sudo] password for mca:  
mca@T70:~$ sudo apt update  
Get:1 https://dl.google.com/linux/chrome/deb stable InRelease [1,811 B]  
Err:2 http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu bionic InRelease  
403 Forbidden [IP: 185.125.190.52 80]  
Get:3 https://dl.google.com/linux/chrome/deb stable/main amd64 Packages [1,103 B]  
Hit:4 http://archive.ubuntu.com/ubuntu bionic InRelease  
Get:5 http://ppa.launchpad.net/webupd8team/java/ubuntu bionic InRelease [15.4 kB]  
E: Repository 'http://ppa.launchpad.net/webupd8team/java/ubuntu bionic InRelease'  
' changed its 'Label' value from 'Oracle Java (JDK) 8 / 9 Installer PPA' to 'Oracle  
Java (JDK) 8 Installer PPA (DISCONTINUED)'  
N: This must be accepted explicitly before updates for this repository can be ap  
plied. See apt-secure(8) manpage for details.  
Do you want to accept these changes and continue updating from this repository?  
[y/N] y  
Reading package lists... Done  
E: Failed to fetch http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu/dists/bi  
onic/InRelease 403 Forbidden [IP: 185.125.190.52 80]  
E: The repository 'http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu bionic I  
nRelease' is no longer signed.  
N: Updating from such a repository can't be done securely, and is therefore disa  
find out your ip address using ifconfig
```

\*Install apache2

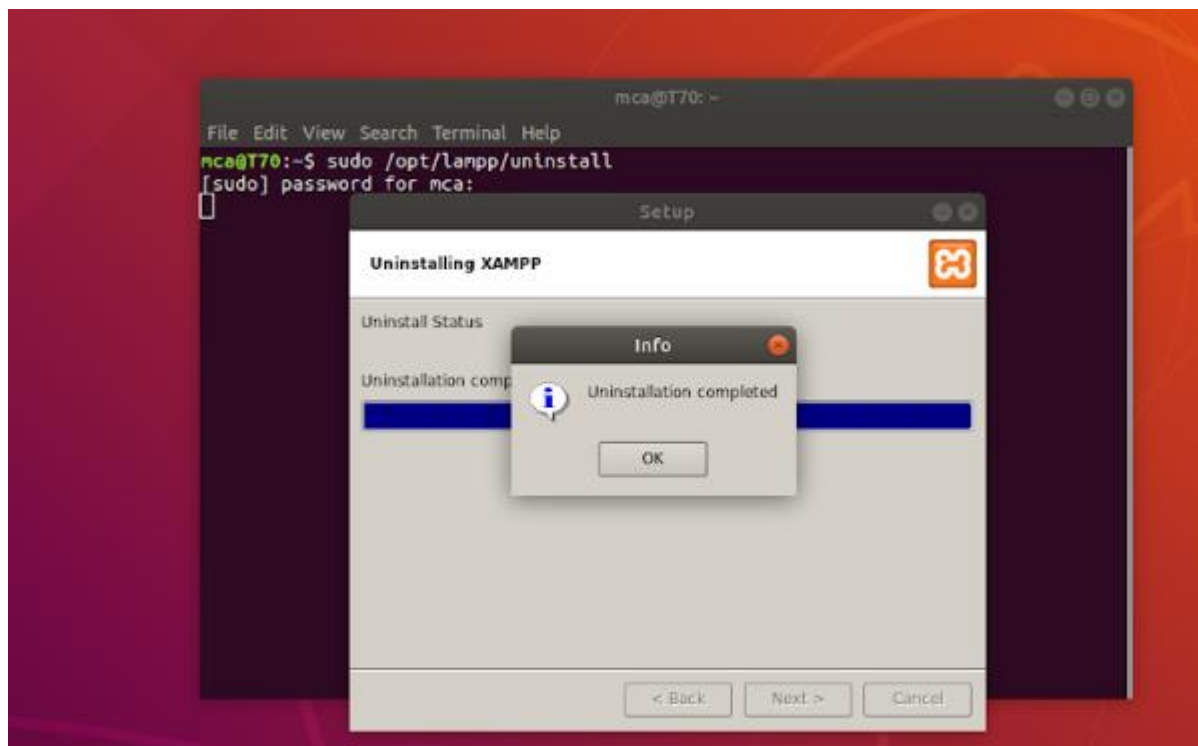
```
mca@T70: ~  
File Edit View Search Terminal Help  
mca@T70:~$ sudo apt install apache2  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
debhelper dh-autoreconf dh-strip-nondeterminism libarchive-cpio-perl  
libfile-stripnondeterminism-perl libmail-sendmail-perl libpcre16-3  
libpcre3-dev libpcre32-3 libpcrecpp0v5 libssl-dev libssl-doc  
libsys-hostname-long-perl php-common php-pear php-xml php7.2-cli  
php7.2-common php7.2-json php7.2-opcache php7.2-readline php7.2-xml  
pkg-php-tools po-debconf shtool  
Use 'sudo apt autoremove' to remove them.  
The following additional packages will be installed:  
apache2-bin apache2-data apache2-utils libapr1 libaprutil1  
libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.2-0  
Suggested packages:  
apache2-doc apache2-suexec-pristine | apache2-suexec-custom  
The following NEW packages will be installed:  
apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1  
libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.2-0  
0 upgraded, 9 newly installed, 0 to remove and 1 not upgraded.  
Need to get 1,710 kB of archives.  
After this operation, 6,932 kB of additional disk space will be used.  
-- ports.conf  
enabled
```

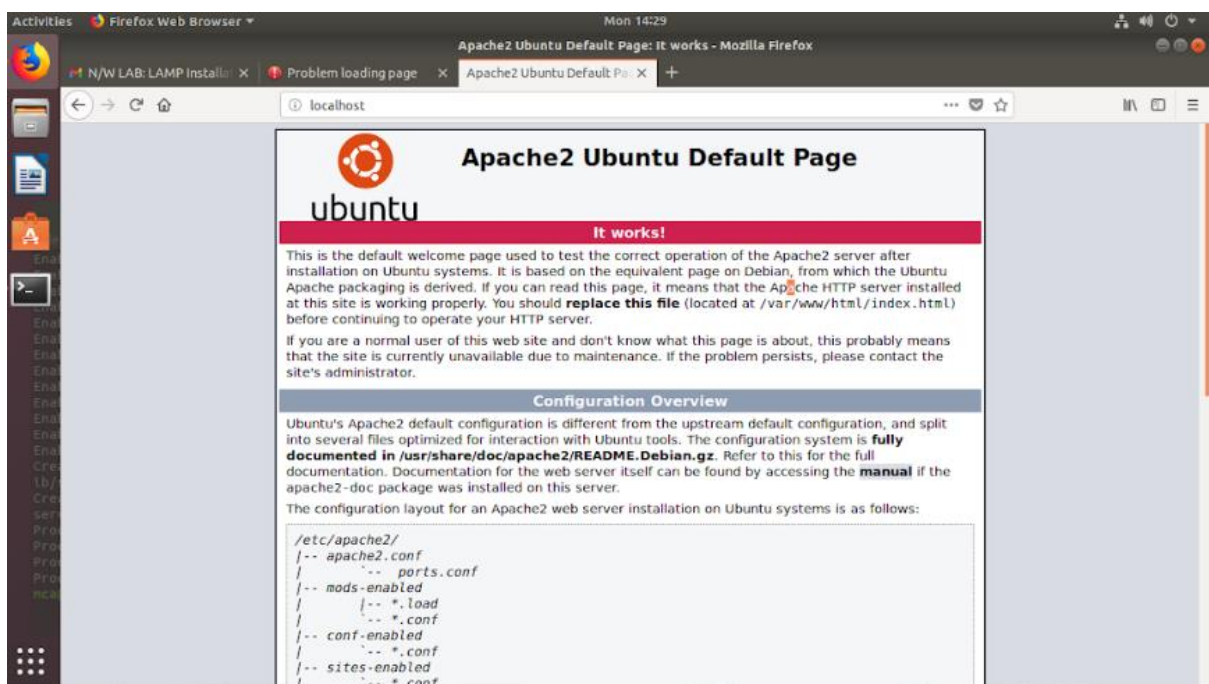
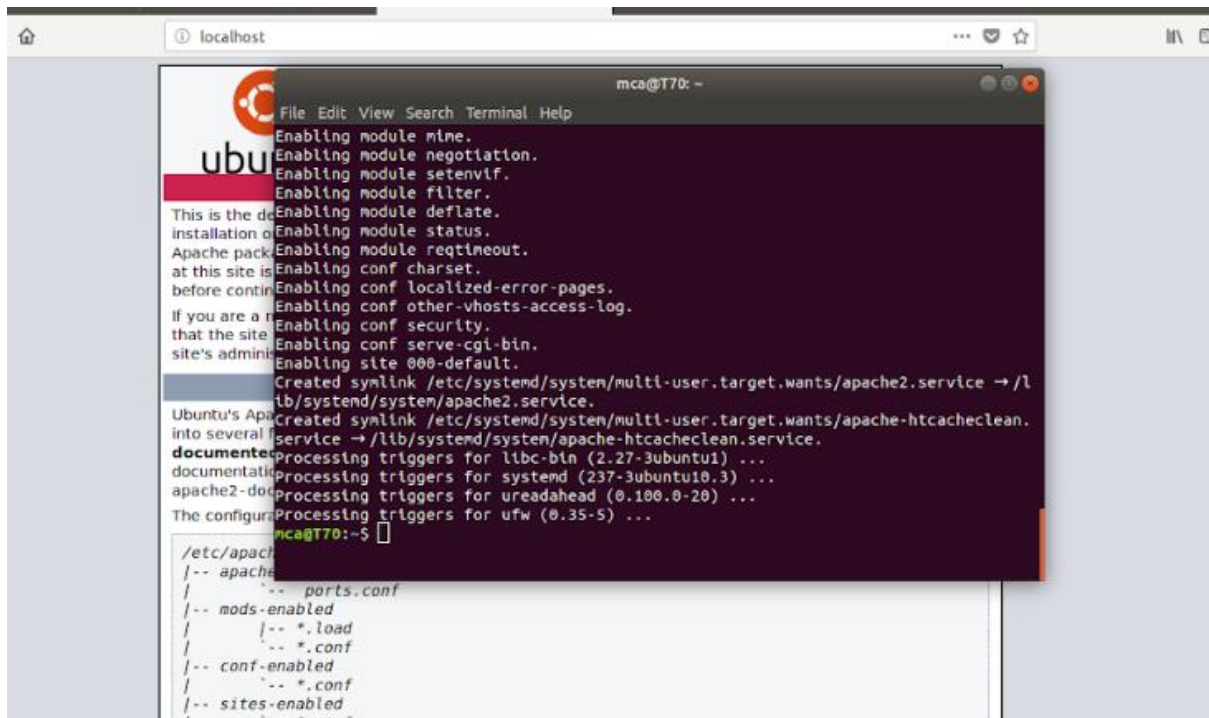
Problem loading page x +

https://mail.google.com/mail/... mca@T70: ~

```
File Edit View Search Terminal Help
Err:2 http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu bionic InRelease
403 Forbidden [IP: 185.125.190.52 80]
Get:3 https://dl.google.com/linux/chrome/deb stable/main amd64 Packages [1,103 B]
Hit:4 http://archive.ubuntu.com/ubuntu bionic InRelease
Get:5 http://ppa.launchpad.net/webupd8team/java/ubuntu bionic InRelease [15.4 kB]
E: Repository 'http://ppa.launchpad.net/webupd8team/java/ubuntu bionic InRelease'
changed its 'Label' value from 'Oracle Java (JDK) 8 / 9 Installer PPA' to 'Ora
cle Java (JDK) 8 Installer PPA (DISCONTINUED)'
N: This must be accepted explicitly before updates for this repository can be ap
plied. See apt-secure(8) manpage for details.
Do you want to accept these changes and continue updating from this repository?
[y/N] y
Reading package lists... Done
E: Failed to fetch http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu/dists/bl
onic/InRelease 403 Forbidden [IP: 185.125.190.52 80]
E: The repository 'http://ppa.launchpad.net/jonathonf/python-3.6/ubuntu bionic I
nRelease' is no longer signed.
N: Updating from such a repository can't be done securely, and is therefore disa
bled by default.
N: See apt-secure(8) manpage for repository creation and user configuration deta
ils.
mca@T70:~$
```

[Find out your ip address using ifconfig](#)





```
Activities Terminal Mon 14:41 mca@T70: ~

File Edit View Search Terminal Help

Main PID: 7038 (apache2)
Tasks: 55 (limit: 4915)
CGroup: /system.slice/apache2.service
├─7038 /usr/sbin/apache2 -k start
├─7039 /usr/sbin/apache2 -k start
└─7040 /usr/sbin/apache2 -k start

May 23 14:27:32 T70 systemd[1]: Starting The Apache HTTP Server...
May 23 14:27:32 T70 apachectl[7013]: AH00558: apache2: Could not reliably determ
May 23 14:27:32 T70 systemd[1]: Started The Apache HTTP Server.
mca@T70:~$ ifconfig

docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:83:16:76:89 txqueuelen 0 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

enp5s0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.0.230 netmask 255.255.255.0 broadcast 192.168.0.255
    inet6 fe80::ea53:2773:8b55:prefixlen 64 scopeid 0x20<link>
    ether 0c:9d:92:0f:6b:e0 txqueuelen 1000 (Ethernet)
    RX packets 80102 bytes 64363806 (64.3 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 15454 bytes 4498860 (4.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 3268 bytes 257362 (257.3 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3268 bytes 257362 (257.3 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

mca@T70:~$
```

Activities Terminal Mon 14:38

N/W LAB: LAMP Installation - aswathip2023a@mca.aice.in - Academic Enterprise Solutions (AES) Mail - Mozilla Firefox

Problem loading page X Apache2 Ubuntu Default P X

https://mail.google.com/mail/u/0/#inbox/FMfcgGpFzfHMRKnWXclHLVMhLwDnDlprojector=1...

lamp\_installation.pdf

Compose

Mail

Index

Starred

Snoozed

Sent

Drafts

More

Chat

ARCHA KRISHNA...

ASWATHY BABU BNCA...

ANUSHA PUSHPAN R...

Spaces

Meet

Open with Google Docs

mca@T70: ~

```
File Edit View Search Terminal Help

lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.
service -> /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Processing triggers for systemd (237-3ubuntu10.3) ...
Processing triggers for ureadahead (0.100.0-20) ...
Processing triggers for ufw (0.35-5) ...
mca@T70:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset:
   Drop-In: /lib/systemd/system/apache2.service.d
            └─apache2-systemd.conf
   Active: active (running) since Mon 2022-05-23 14:27:32 IST; 10min ago
 Main PID: 7038 (apache2)
   Tasks: 55 (limit: 4915)
  CGroup: /system.slice/apache2.service
          └─7038 /usr/sbin/apache2 -k start
            └─7039 /usr/sbin/apache2 -k start
              └─7040 /usr/sbin/apache2 -k start

May 23 14:27:32 T70 systemd[1]: Starting The Apache HTTP Server...
May 23 14:27:32 T70 apachectl[7013]: AH00558: apache2: Could not reliably determ
May 23 14:27:32 T70 systemd[1]: Started The Apache HTTP Server.
mca@T70:~$
```

Install mariadb

(MariaDB is a fork of MySQL from some of the original MySQL team and is a drop-in replacement.)

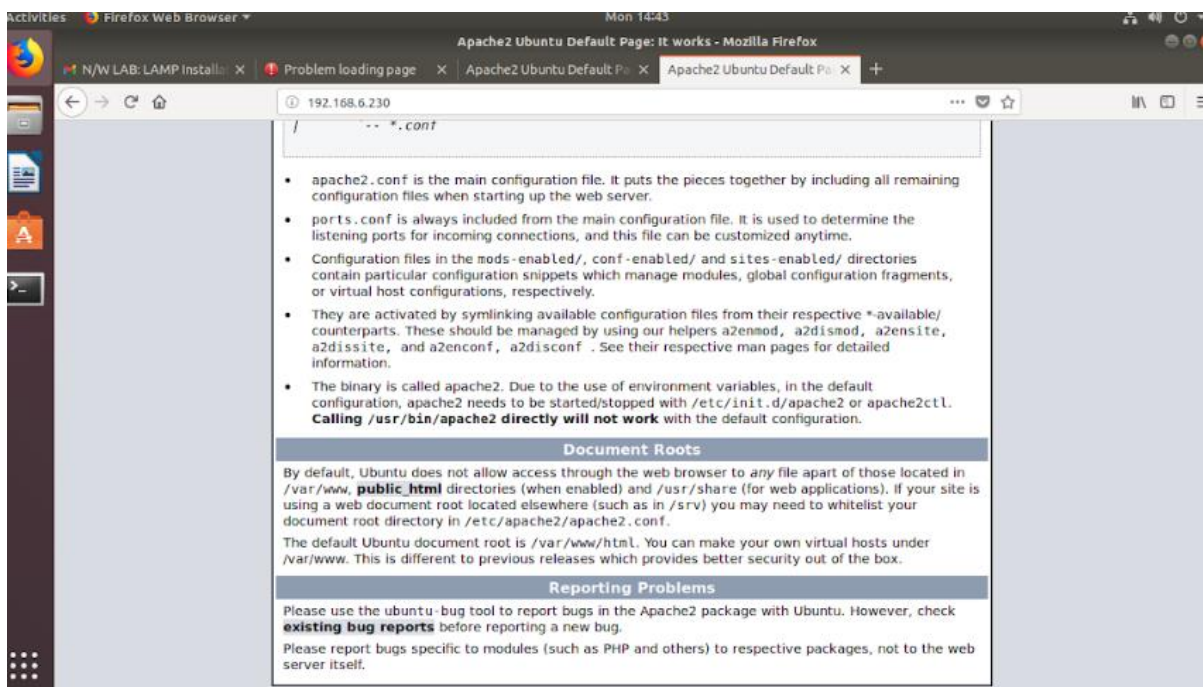
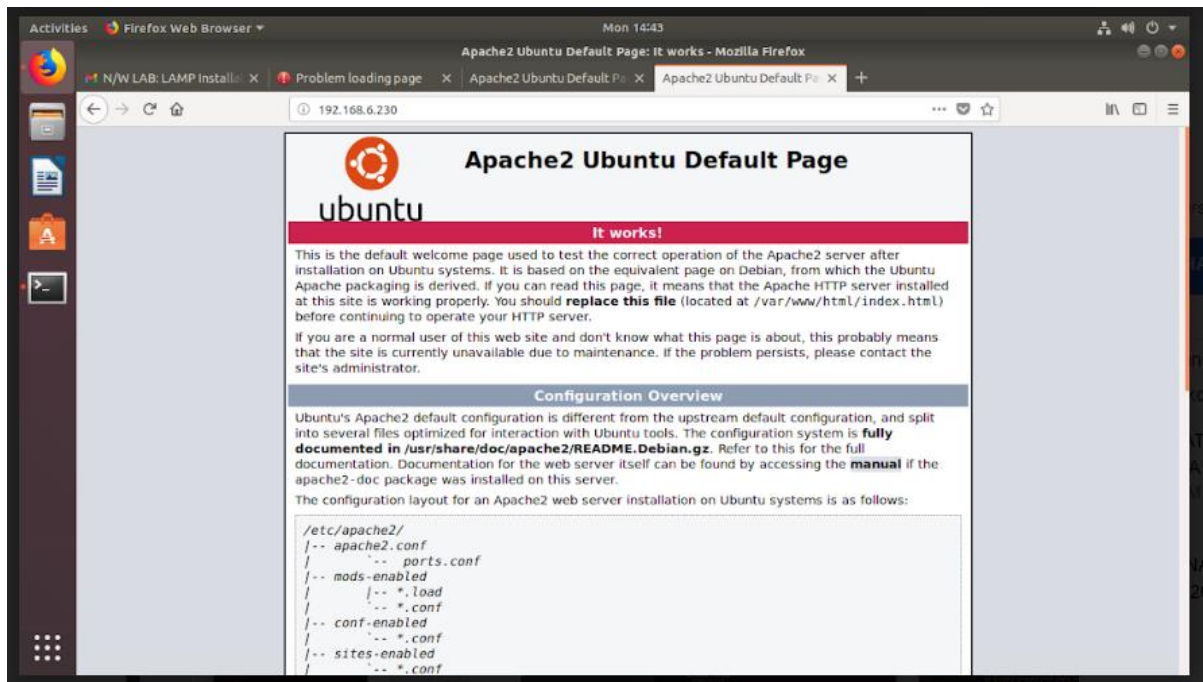
sudo apt install mariadb-server

Page 1 / 2

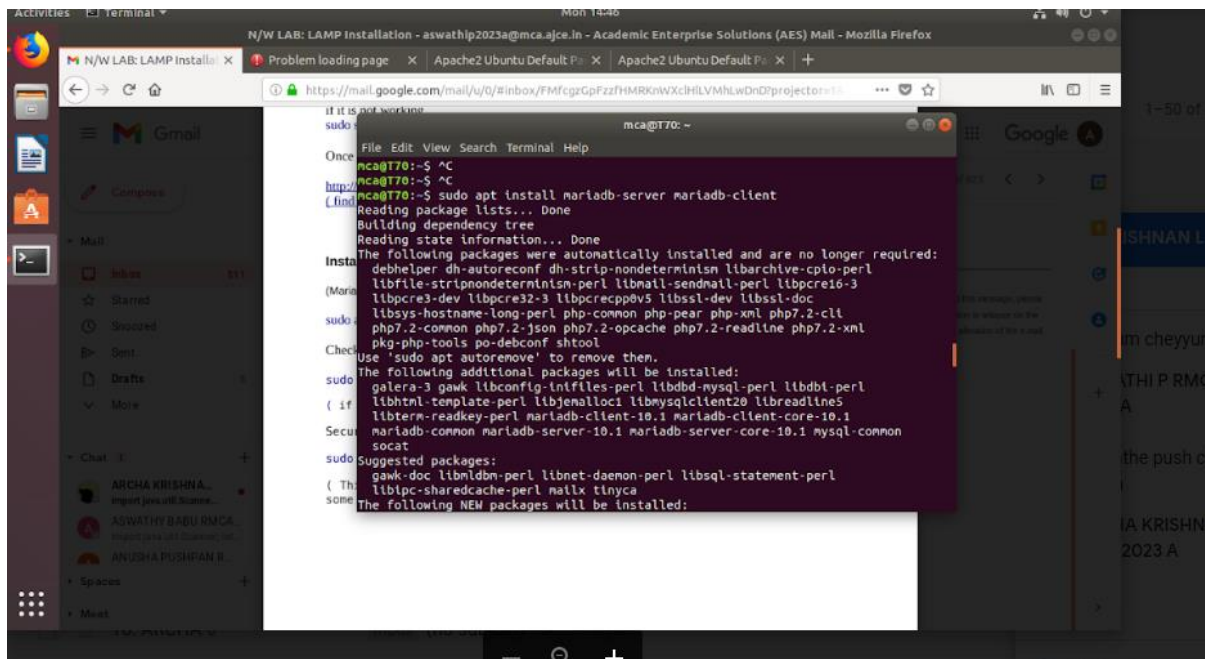
Search

History

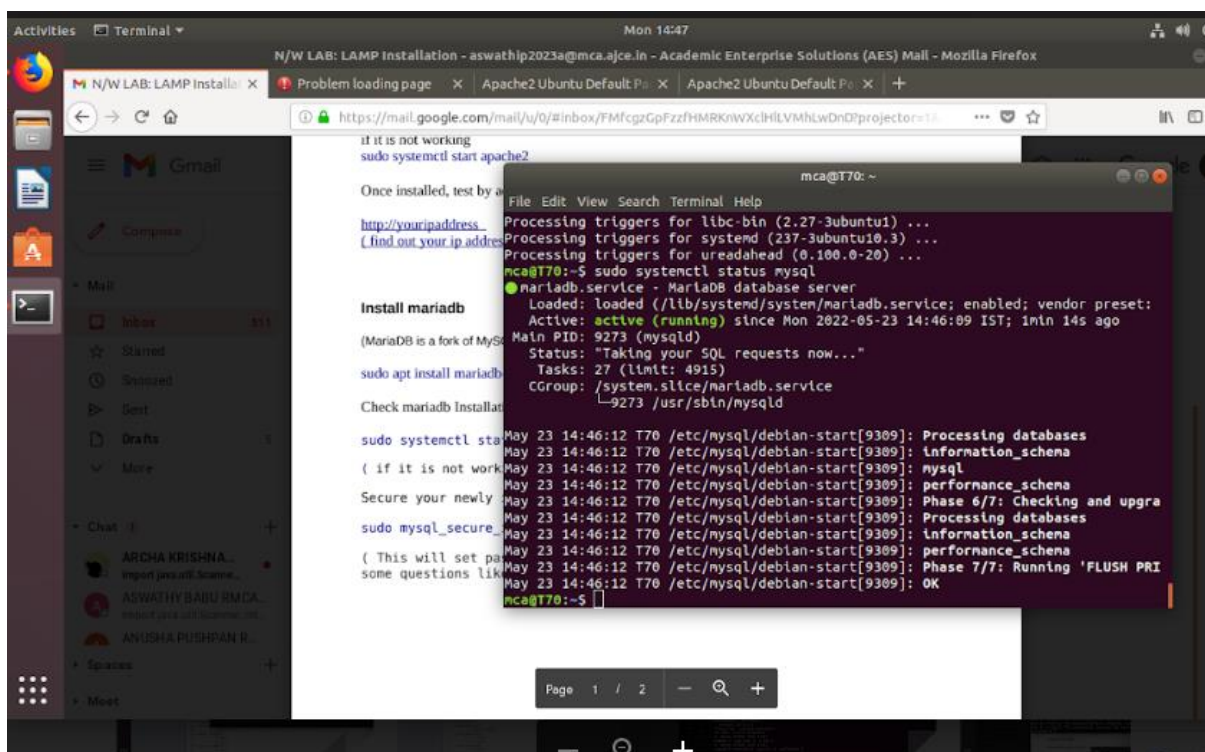




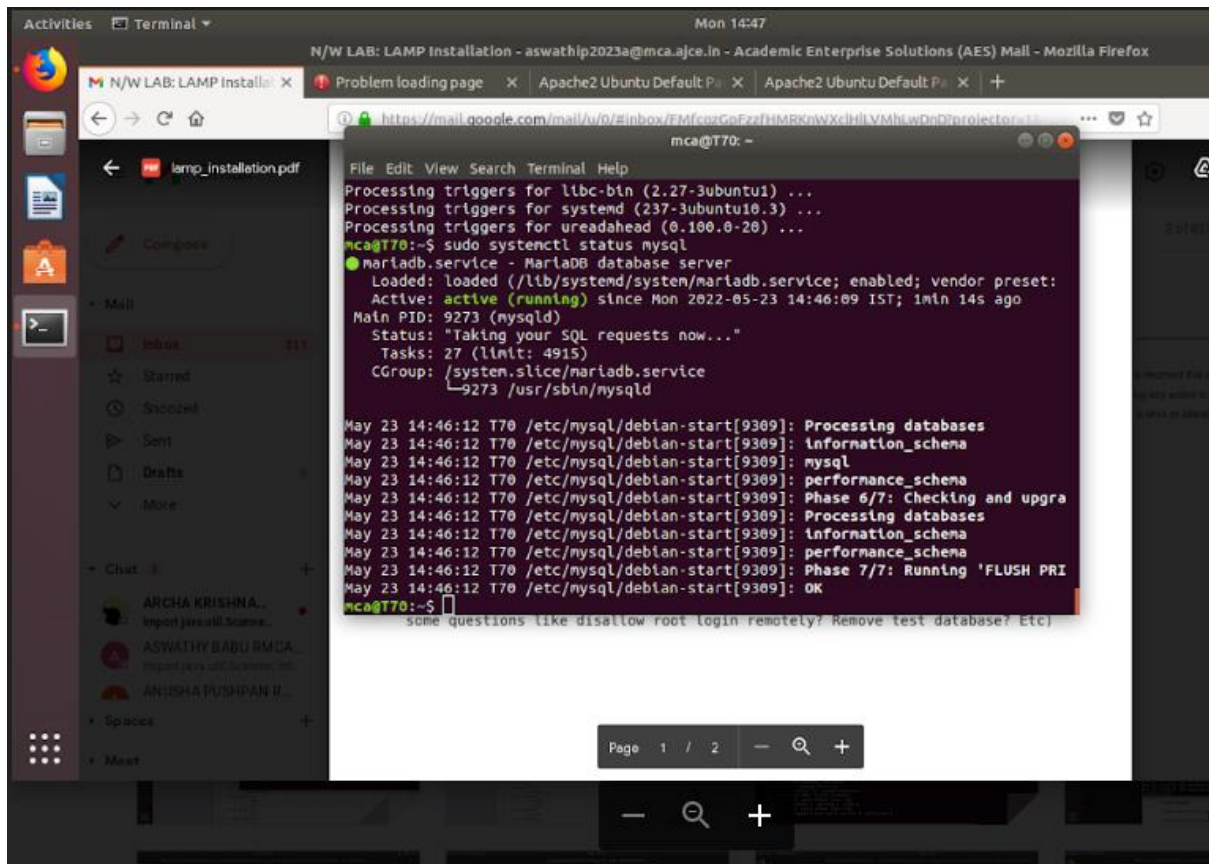
## Install mariadb



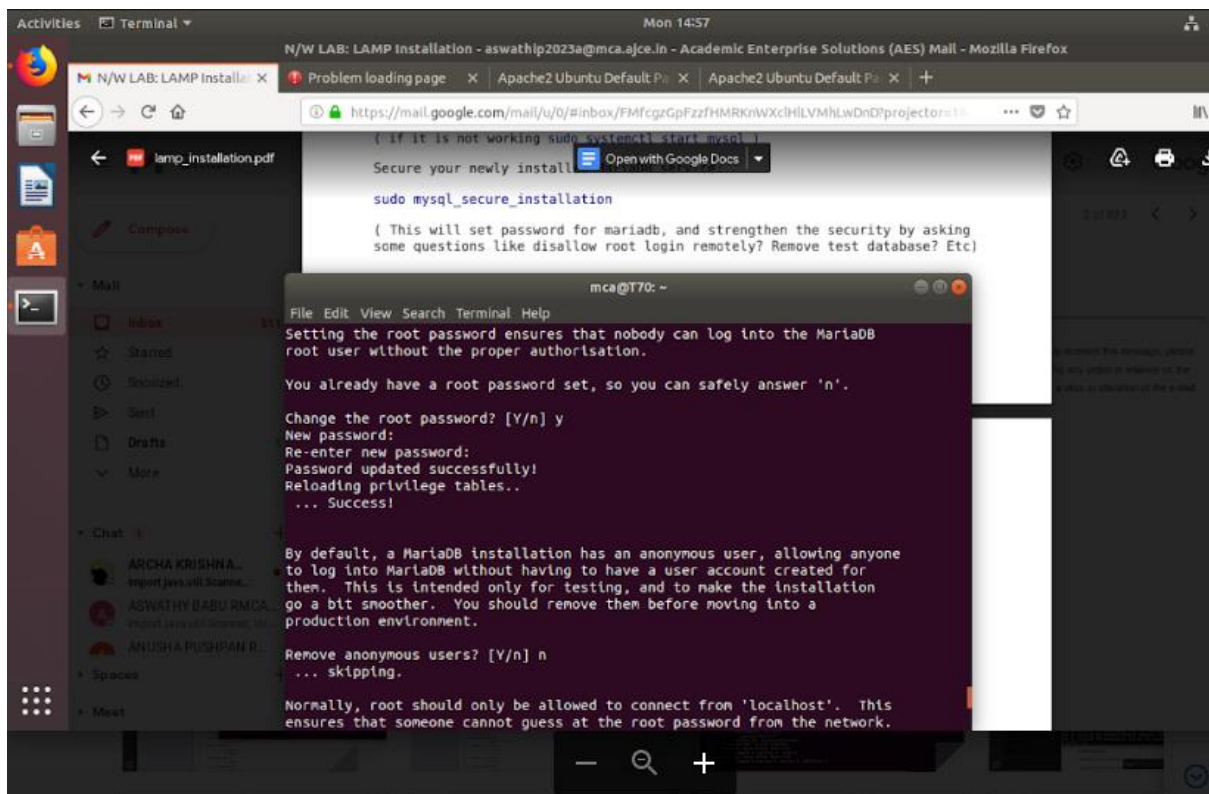
```
mca@T70: ~  
sudo apt install mariadb-server mariadb-client  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
debhelper dh-autoreconf dh-strip-nondeterminism libarchive-cpio-perl  
libfile-stripnondeterminism-perl libmail-sendmail-perl libpcre16-3  
libpcre3-dev libpcre32-3 libpcrecpp0v5 libssl-dev libssl-doc  
libsys-hostname-long-perl php-common php-pear php-xml php7.2-cli  
php7.2-common php7.2-json php7.2-opcache php7.2-readline php7.2-xml  
pkg-php-tools po-debconf shtool  
Use 'sudo apt autoremove' to remove them.  
The following additional packages will be installed:  
galera-3 gawk libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl  
libhtml-template-perl libjemalloc1 libmysqlclient20 libreadline5  
libterm-readkey-perl mariadb-client-10.1 mariadb-client-core-10.1  
mariadb-common mariadb-server-10.1 mariadb-server-core-10.1 mysql-common  
socat  
Suggested packages:  
gawk-doc libltdb-perl libnet-daemon-perl libsql-statement-perl  
libipc-sharedcache-perl mailx tinyca  
The following NEW packages will be installed:  
mariadb-server mariadb-client
```



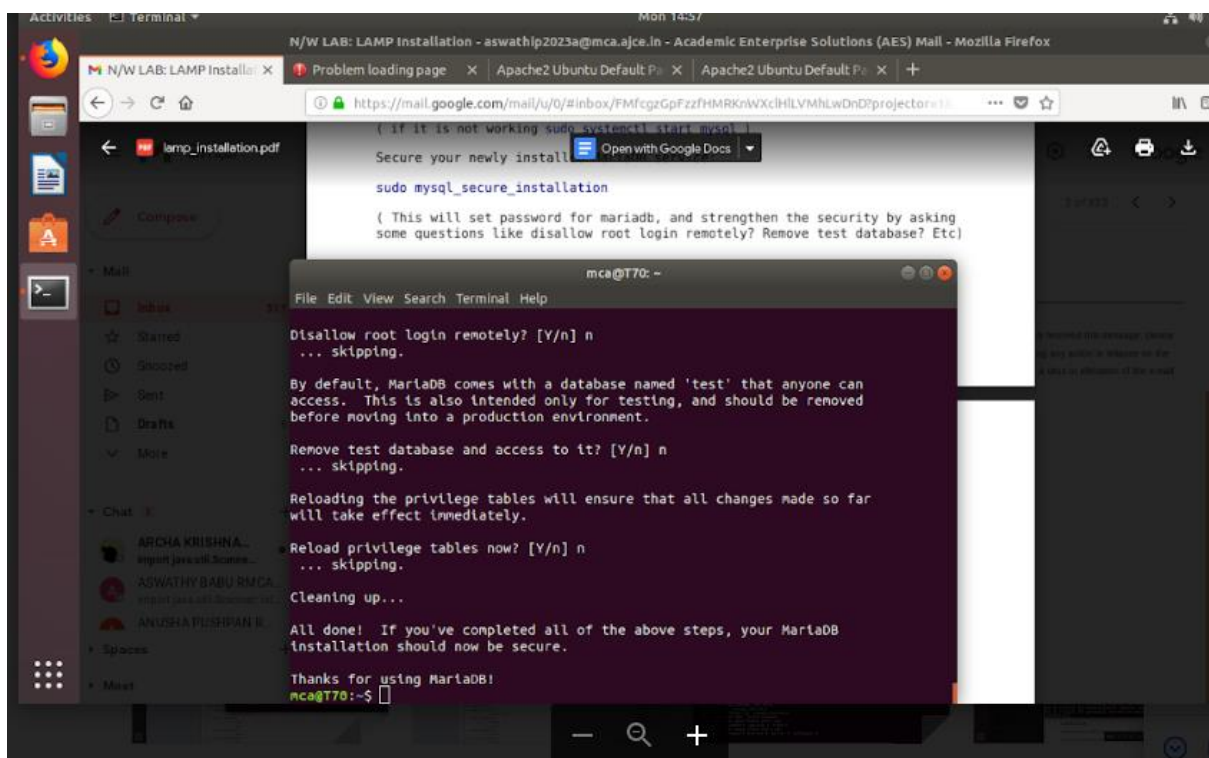
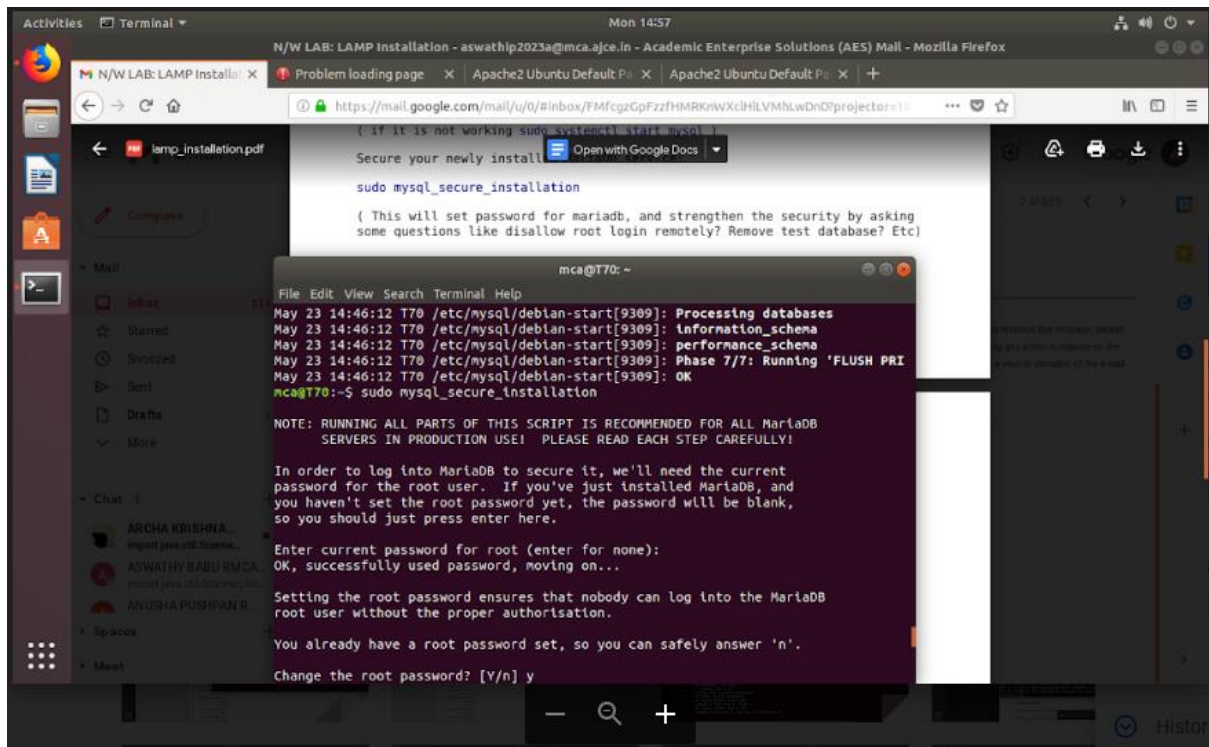
```
mca@T70: ~  
sudo systemctl status mysql  
● mariadb.service - MariaDB database server  
Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: active) (running) since Mon 2022-05-23 14:46:09 IST; 1min 14s ago  
Main PID: 9273 (mysqld)  
Status: "Taking your SQL requests now..."  
Tasks: 27 (limit: 4915)  
CGroup: /system.slice/mariadb.service  
└─9273 /usr/sbin/mysqld  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: Processing databases  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: information_schema  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: mysql  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: performance_schema  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: Phase 6/7: Checking and upgra  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: Processing databases  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: information_schema  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: performance_schema  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: Phase 7/7: Running 'FLUSH PRI  
May 23 14:46:12 T70 /etc/mysql/debian-start[9309]: OK  
mca@T70: ~
```



Screenshot from 2....png Screenshot from 2....png Screenshot from 2....png Screenshot from 2....png









```
Activities Terminal Mon 15:12 mca@T70: ~
File Edit View Search Terminal Help
Removing php7.2-cli (7.2.7-0ubuntu0.18.04.2) ...
Removing php7.2-opcache (7.2.7-0ubuntu0.18.04.2) ...
Removing php7.2-json (7.2.7-0ubuntu0.18.04.2) ...
Removing php7.2-readline (7.2.7-0ubuntu0.18.04.2) ...
Removing php7.2-common (7.2.7-0ubuntu0.18.04.2) ...
Removing php-common (1:60ubuntu1) ...
Processing triggers for man-db (2.8.3-2) ...
(Reading database ... 180961 files and directories currently installed.)
Purging configuration files for php7.2-xml (7.2.7-0ubuntu0.18.04.2) ...
Purging configuration files for php7.2-common (7.2.7-0ubuntu0.18.04.2) ...
dpkg: warning: while removing php7.2-common, directory '/usr/lib/php/20170718' not empty so not removed
dpkg: warning: while removing php7.2-common, directory '/etc/php/7.2/mods-available' not empty so not removed
Purging configuration files for php7.2-readline (7.2.7-0ubuntu0.18.04.2) ...
Purging configuration files for php7.2-cli (7.2.7-0ubuntu0.18.04.2) ...
dpkg: warning: while removing php7.2-cli, directory '/etc/php/7.2/cli/conf.d' not empty so not removed
Purging configuration files for php-common (1:60ubuntu1) ...
dpkg: warning: while removing php-common, directory '/var/lib/php/modules' not empty so not removed
Purging configuration files for php-pear (1:1.10.5+submodules+notgz-1ubuntu1) ...
dpkg: warning: while removing php-pear, directory '/usr/share/php/registry' not empty so not removed
Purging configuration files for php7.2-json (7.2.7-0ubuntu0.18.04.2) ...
Purging configuration files for php7.2-opcache (7.2.7-0ubuntu0.18.04.2) ...
mca@T70:~$ php -v
bash: /usr/bin/php: No such file or directory
mca@T70:~$ sudo apt install php libapache2-mod-php php-opcache php-cli php-gd php-curl php-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'php7.2-opcache' instead of 'php-opcache'
The following packages were automatically installed and are no longer required:
debhelper dh-autoreconf dh-strip-nondeterminism libarchive-cpio-perl
libfile-stripnondeterminism-perl libmail-sendmail-perl libpcre16-3
libpcre3-dev libpcre3-2-3 libpcrecpp0v5 libssl-dev libssl-doc
libsys-hostname-long-perl po-debconf shtool
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
libapache2-mod-php7.2 php-common php7.2 php7.2-cli php7.2-common php7.2-curl
php7.2-gd php7.2-json php7.2-mysql php7.2-readline
Suggested packages:
```

```
Activities Terminal Mon 15:12 mca@T70: ~
File Edit View Search Terminal Help
Setting up php-curl (1:7.2+60ubuntu1) ...
Setting up php7.2-readline (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/readline.ini with new version
Setting up php7.2-json (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/json.ini with new version
Setting up php7.2-opcache (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/opcache.ini with new version
Setting up php7.2-mysql (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/mysqlnd.ini with new version
Creating config file /etc/php/7.2/mods-available/mysql.ini with new version
Creating config file /etc/php/7.2/mods-available/pdo_mysql.ini with new version
Setting up php7.2-gd (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/gd.ini with new version
Setting up php7.2-cli (7.2.3-1ubuntu1) ...
update-alternatives: using /usr/bin/php7.2 to provide /usr/bin/php (php) in auto mode
update-alternatives: using /usr/bin/phar7.2 to provide /usr/bin/phar (phar) in auto mode
update-alternatives: using /usr/bin/phar.phar7.2 to provide /usr/bin/phar.phar (phar.phar) in auto mode
Creating config file /etc/php/7.2/cli/php.ini with new version
Setting up php-gd (1:7.2+60ubuntu1) ...
Setting up libapache2-mod-php7.2 (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/apache2/php.ini with new version
Module mpm_event disabled.
Enabling module mpm_prefork.
apache2_switch_mpm Switch to prefork
apache2_invoke: Enable module php7.2
Setting up php-mysql (1:7.2+60ubuntu1) ...
Setting up libapache2-mod-php (1:7.2+60ubuntu1) ...
Setting up php-cli (1:7.2+60ubuntu1) ...
Setting up php7.2 (7.2.3-1ubuntu1) ...
```

```
Mon 15:31
mca@T70: ~
File Edit View Search Terminal Help
Setting up php7.2-opcache (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/opcache.ini with new version
Setting up php7.2-mysql (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/mysqlnd.ini with new version
Creating config file /etc/php/7.2/mods-available/mysqli.ini with new version
Creating config file /etc/php/7.2/mods-available/pdo_mysql.ini with new version
Setting up php7.2-gd (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/mods-available/gd.ini with new version
Setting up php7.2-cli (7.2.3-1ubuntu1) ...
update-alternatives: using /usr/bin/php7.2 to provide /usr/bin/php (php) in auto mode
update-alternatives: using /usr/bin/phar7.2 to provide /usr/bin/phar (phar) in auto mode
update-alternatives: using /usr/bin/phar.phar7.2 to provide /usr/bin/phar.phar (phar.phar) in auto mode
Creating config file /etc/php/7.2/cli/php.ini with new version
Setting up php-gd (1:7.2+60ubuntu1) ...
Setting up libapache2-mod-php7.2 (7.2.3-1ubuntu1) ...
Creating config file /etc/php/7.2/apache2/php.ini with new version
Module mpm_event disabled.
Enabling module mpm_prefork.
apache2_switch_mpm Switch to prefork
apache2_invoke: Enable module php7.2
Setting up php-mysql (1:7.2+60ubuntu1) ...
Setting up libapache2-mod-php (1:7.2+60ubuntu1) ...
Setting up php-cli (1:7.2+60ubuntu1) ...
Setting up php7.2 (7.2.3-1ubuntu1) ...
Setting up php (1:7.2+60ubuntu1) ...
mca@T70:~$ sudo echo "<?php phpinfo(); ?>" | sudo tee -a /var/www/html/phpinfo.php > /dev/null
mca@T70:~$ gedit php.sh
mca@T70:~$ gedit ^C
mca@T70:~$ gedit /var/www/html/phpinfo.php
mca@T70:~$ gedit /var/www/html/phpinfo.php
mca@T70:~$
```

Mon 15:31

phpinfo() - Mozilla Firefox

N/W LAB: LAMP Install... Problem loading page... Apache2 Ubuntu Default P... Apache2 Ubuntu Default P... phpinfo()

localhost/phpinfo.php

### PHP Version 7.2.3-1ubuntu1

System	Linux T70 4.15.0-33-generic #36-Ubuntu SMP Wed Aug 15 16:00:05 UTC 2018 x86_64
Build Date	Mar 14 2018 22:03:58
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.2/apache2
Loaded Configuration File	/etc/php/7.2/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.2/apache2/conf.d
Additional .ini files parsed	/etc/php/7.2/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.2/apache2/conf.d/10-opcache.ini, /etc/php/7.2/apache2/conf.d/10-pdo.ini, /etc/php/7.2/apache2/conf.d/20-calendar.ini, /etc/php/7.2/apache2/conf.d/20-ctype.ini, /etc/php/7.2/apache2/conf.d/20-curl.ini, /etc/php/7.2/apache2/conf.d/20-exif.ini, /etc/php/7.2/apache2/conf.d/20-fileinfo.ini, /etc/php/7.2/apache2/conf.d/20-ftp.ini, /etc/php/7.2/apache2/conf.d/20-gd.ini, /etc/php/7.2/apache2/conf.d/20-gettext.ini, /etc/php/7.2/apache2/conf.d/20-iconv.ini, /etc/php/7.2/apache2/conf.d/20-json.ini, /etc/php/7.2/apache2/conf.d/20-mysqli.ini, /etc/php/7.2/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.2/apache2/conf.d/20-phar.ini, /etc/php/7.2/apache2/conf.d/20-posix.ini, /etc/php/7.2/apache2/conf.d/20-readline.ini, /etc/php/7.2/apache2/conf.d/20-shmop.ini, /etc/php/7.2/apache2/conf.d/20-sockets.ini, /etc/php/7.2/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.2/apache2/conf.d/20-sysvsem.ini, /etc/php/7.2/apache2/conf.d/20-sysvshm.ini, /etc/php/7.2/apache2/conf.d/20-tokenizer.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718.NTS
PHP Extension Build	API20170718.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled

```
Activities Terminal Mon 15:39 mca@t70: ~
File Edit View Search Terminal Help
mca@t70:~$ gedit php.sh
mca@t70:~$ gedit /etc
mca@t70:~$ gedit /var/www/html/phpinfo.php
mca@t70:~$ gedit /var/www/html/phpinfo.php
mca@t70:~$ sudo apt install phpmyadmin php-nbstring php-zip php-gd php-json php-curl
[sudo] password for mca:
Reading package lists... Done
Building dependency tree
Reading state information... Done
php-curl is already the newest version (1:7.2+60ubuntu1).
php-gd is already the newest version (1:7.2+60ubuntu1).
The following packages were automatically installed and are no longer required:
debhelper dh-autoreconf dh-strip-nondeterminism libarchive-cpio-perl
libfile-stripnondeterminism-perl libmail-sendmail-perl libpcre16-3
libpcre3-dev libpcre32-3 libpcrecpp0v5 libssl-dev libssl-doc
libsys-hostname-long-perl po-debconf shtool
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
dbconfig-common dbconfig-mysql javascript-common libjs-jquery
libjs-sphinxdoc libjs-underscore libzip4 php-bz2 php-pear php-php-gettext
php-phoseclib php-tcpdf php-xml php7.2-bz2 php7.2-nbstring php7.2-xml
php7.2-zip
Suggested packages:
php-libsodium php-ncrypt php-gmp php-imagick
The following NEW packages will be installed:
dbconfig-common dbconfig-mysql javascript-common libjs-jquery
libjs-sphinxdoc libjs-underscore libzip4 php-bz2 php-json php-nbstring
php-pear php-php-gettext php-phoseclib php-tcpdf php-xml php-zip php7.2-bz2
php7.2-nbstring php7.2-xml php7.2-zip phpmyadmin
0 upgraded, 21 newly installed, 0 to remove and 1 not upgraded.
Need to get 13.7 MB of archives.
After this operation, 53.7 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu bionic/main amd64 dbconfig-common all 2.0.9 [601 kB]
Get:2 http://archive.ubuntu.com/ubuntu bionic/universe amd64 dbconfig-mysql all 2.0.9 [1,038 B]
Get:3 http://archive.ubuntu.com/ubuntu bionic/main amd64 javascript-common all 11 [6,060 B]
Get:4 http://archive.ubuntu.com/ubuntu bionic/main amd64 libjs-jquery all 3.2.1-1 [152 kB]
Get:5 http://archive.ubuntu.com/ubuntu bionic/main amd64 libjs-underscore all 1.8.3-dfsg-1 [59.9 kB]
```

```
Activities Text Editor Mon 15:47 apache2.conf /etc/apache2
Cancel Open Save
# This is the main Apache server configuration file. It contains the
# configuration directives that give the server its instructions.
# See http://httpd.apache.org/docs/2.4/ for detailed information about
# the directives and /usr/share/doc/apache2/README.Debian about Debian specific
# hints.
#
# Summary of how the Apache 2 configuration works in Debian:
# The Apache 2 web server configuration in Debian is quite different to
# upstream's suggested way to configure the web server. This is because Debian's
# default Apache2 installation attempts to make adding and removing modules,
# virtual hosts, and extra configuration directives as flexible as possible, in
# order to make automating the changes and administering the server as easy as
# possible.
#
# It is split into several files forming the configuration hierarchy outlined
# below, all located in the /etc/apache2/ directory:
#
# /etc/apache2/
# |-- apache2.conf
# |   |-- ports.conf
# |   |-- mods-enabled
# |       |-- *.load
# |       |-- *.conf
# |   |-- conf-enabled
# |       |-- *.conf
# |   |-- sites-enabled
#       |-- *.conf
#
# * apache2.conf is the main configuration file (this file). It puts the pieces
# together by including all remaining configuration files when starting up the
# web server.
#
# * ports.conf is always included from the main configuration file. It is
# supposed to determine listening ports for incoming connections which can be
# customized anytime.
```



