BY: Raghav Rastogi

Installing MySQL on Ubuntu 20.04

```
sudo apt update
    (update package index)
  sudo apt install mysql-server
  sudo mysql_secure_installation
     (setting password level as 2)
creating user in MySQL
  sudo mysql
(to enter the mysql prompt)
  CREATE USER 'raghavo9'@'localhost' IDENTIFIED BY
     'Raghav@1234';
GRANTING PRIVILAGES TO THE USER
  GRANT CREATE, ALTER, DROP, INSERT, UPDATE, DELETE,
    SELECT, REFERENCES, RELOAD ON *.* TO
     'raghavo9'@'localhost' WITH GRANT OPTION;
```

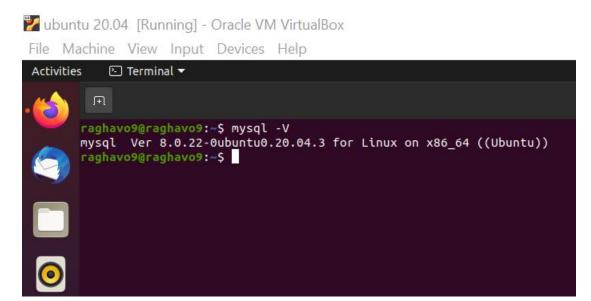
Free up the cached memory by server in the process

FLUSH PRIVILEGES;

exit;

Checking version of MySQL installed in Ububntu

mysql -V



Installing Apache on Ubuntu 20.04

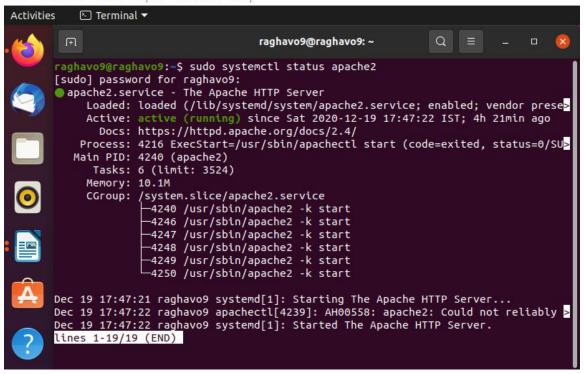
sudo apt install apache2

confirm that the Apache2 service is up and enabled sudo systemctl status apache2

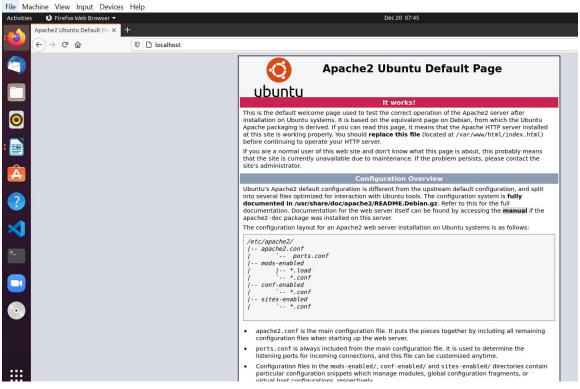
sudo systemctl is-enabled apache2

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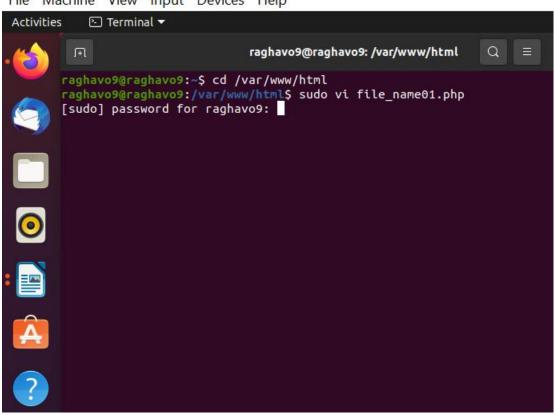


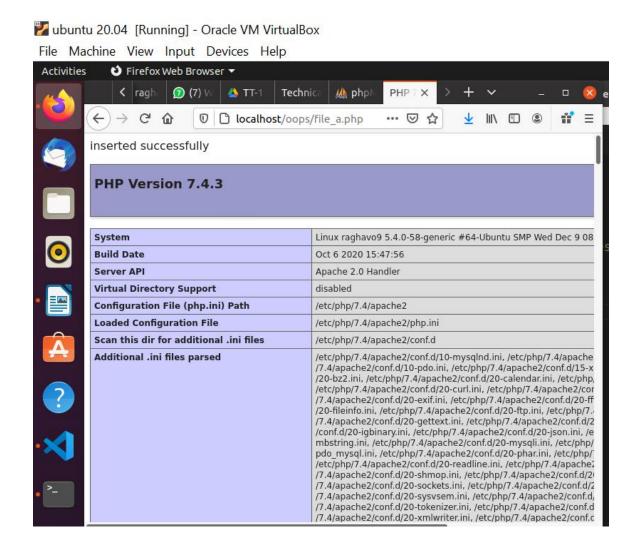
Installing PHP:

```
sudo apt install php libapache2-modphp php-mysql
restart apache
  sudo systemctl restart apache2
creating a file in var/www/html directory
     install vim:
     apt-get install vim
  cd /var/www/html
  sudo vi file_name01.php
press i for insert mode
<?php
echo "successfull";
?>
press esc to exit insert mode
press:w to write
press :q to quit
```

on browser localhost/file_name01.php

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Installing PhpMyAdmin:

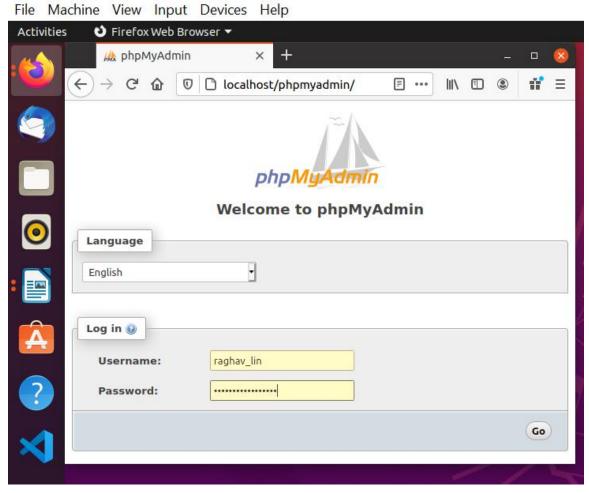
sudo apt install phpmyadmin follow the prompt and go to browser

https://localhost/phpmyadmin

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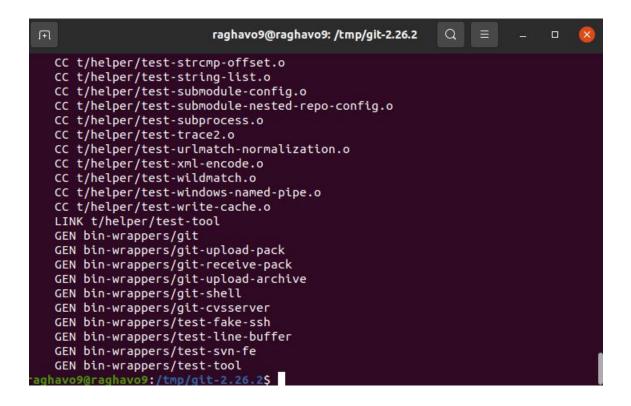
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installing git

```
raghavo9@raghavo9: /tmp
                                                          Q
Preparing to unpack .../9-zlib1g-dev_1%3a1.2.11.dfsg-2ubuntu1.2_amd64.deb ...
Unpacking zlib1g-dev:amd64 (1:1.2.11.dfsg-2ubuntu1.2) ...
Setting up libcurl4-gnutls-dev:amd64 (7.68.0-1ubuntu2.4) ...
Setting up libexpat1-dev:amd64 (2.2.9-1build1) ...
Setting up libssl-dev:amd64 (1.1.1f-1ubuntu2.1) ...
Setting up libcroco3:amd64 (0.6.13-1) ...
Setting up zlib1g-dev:amd64 (1:1.2.11.dfsg-2ubuntu1.2) ...
Setting up librhash0:amd64 (1.3.9-1) ...
Setting up cmake-data (3.16.3-1ubuntu1) ...
Setting up libjsoncpp1:amd64 (1.7.4-3.1ubuntu2) ...
Setting up gettext (0.19.8.1-10build1) ...
Setting up cmake (3.16.3-1ubuntu1) ...
Processing triggers for libc-bin (2.31-Oubuntu9.1) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for install-info (6.7.0.dfsg.2-5) ...
raghavo9@raghavo9:-S mkdir tmp
aghavo9@raghavo9:~$ cd /tmp
aghavo9@raghavo9:/tmp$ curl -o git.tar.gz https://mirrors.edge.kernel.org/pub/
software/scm/git/git-2.26.2.tar.gz
 % Total
            % Received % Xferd Average Speed
                                                 Time
                                                         Time
                                                                  Time Current
                                 Dload Upload
                                                                  Left Speed
                                                 Total
                                                         Spent
100 9064k  100 9064k
                                  154k
                                            0 0:00:58 0:00:58 --:-- 156k
raghavo9@raghavo9:/t
```

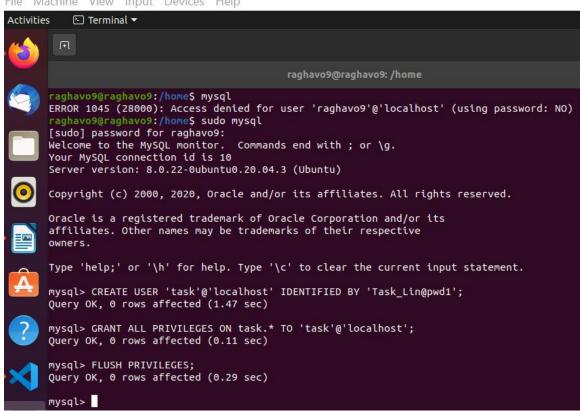


```
raghavo9@raghavo9: /tmp/git-2.26.2
                                                                                   t-restore git-show git-stage git-status git-switch git-whatchanged; do ackslash
        rm -f "$execdir/$p" && \
        test -n "" && \
        ln -s "$destdir from execdir SQ/bin/git" "$execdir/$p" || \
        { test -z "" && \
          ln "$execdir/git" "$execdir/$p" 2>/dev/null || \
          ln -s "git" "$execdir/$p" 2>/dev/null || \
          cp "$execdir/git" "$execdir/$p" || exit; } \
done && \
remote curl aliases="git-remote-https git-remote-ftp git-remote-ftps" && \
for p in $remote_curl_aliases; do \
        rm -f "$execdir/$p" && \
        test -n "" && \
        ln -s "git-remote-http" "$execdir/$p" || \
        { test -z "" && \
          ln "$execdir/git-remote-http" "$execdir/$p" 2>/dev/null || \
          ln -s "git-remote-http" "$execdir/$p" 2>/dev/null || \
          cp "$execdir/git-remote-http" "$execdir/$p" || exit; } \
done && \
./check_bindir "z$bindir" "z$execdir" "$bindir/git-add"
raghavo9@raghavo9:/tmp/git-2.26.2$
raghavo9@raghavo9:/tmp/git-2.26.2$ exec bash
raghavo9@raghavo9:/tmp/git-2.26.2$
```

```
FI.
                          raghavo9@raghavo9: /tmp/git-2.26.2
                                                           Q
done && \
remote_curl_aliases="git-remote-https git-remote-ftp git-remote-ftps" && \
for p in $remote_curl_aliases; do \
        rm -f "$execdīr/$p" && \
        test -n "" && \
        ln -s "git-remote-http" "$execdir/$p" || \
        { test -z "" && \
          ln "$execdir/git-remote-http" "$execdir/$p" 2>/dev/null || \
          ln -s "git-remote-http" "$execdir/$p" 2>/dev/null || \
          cp "$execdir/git-remote-http" "$execdir/$p" || exit; } \
done && \
./check_bindir "z$bindir" "z$execdir" "$bindir/git-add"
raghavo9@raghavo9:/tmp/git-2.26.2$
raghavo9@raghavo9:/tmp/git-2.26.2$ exec bash
raghavo9@raghavo9:/tmp/git-2.26.2$ git version 2.26.2
git version 2.26.2
raghavo9@raghavo9:/tmp/git-2.26.2$ git config --global user.name "raghavo9"
raghavo9@raghavo9:/tmp/git-2.26.2$ git config --global user.email "raghavrastog
i09@gmail.com"
raghavo9@raghavo9:/tmp/git-2.26.2$ git config --list
user.name=raghavo9
user.email=raghavrastogi09@gmail.com
```

Create a user task

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sudo mysql

CREATE USER 'task'@'localhost' IDENTIFIED BY 'Task_Lin@pwd1';

GRANT ALL PRIVILEGES ON task.* TO 'task'@'localhost';