

TECHNICAL TASK – 1

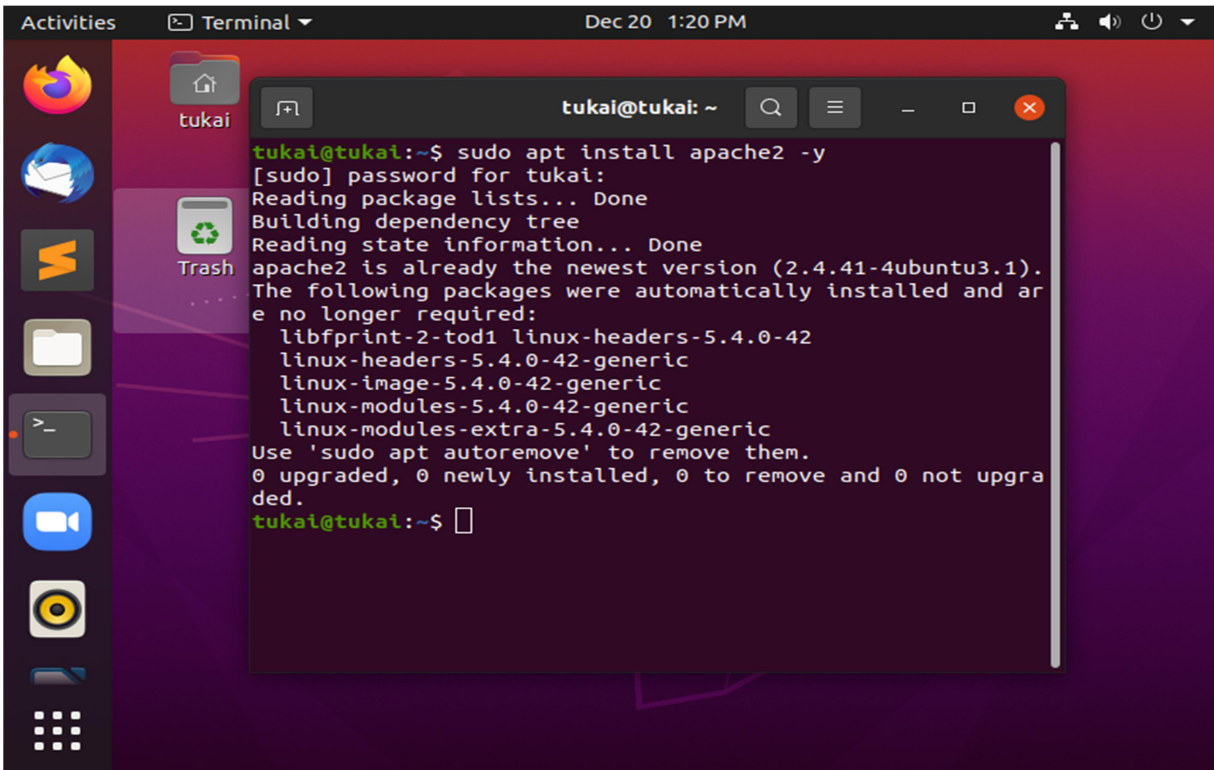
SOUMYAJIT KUNDU (tukai)

Part 1

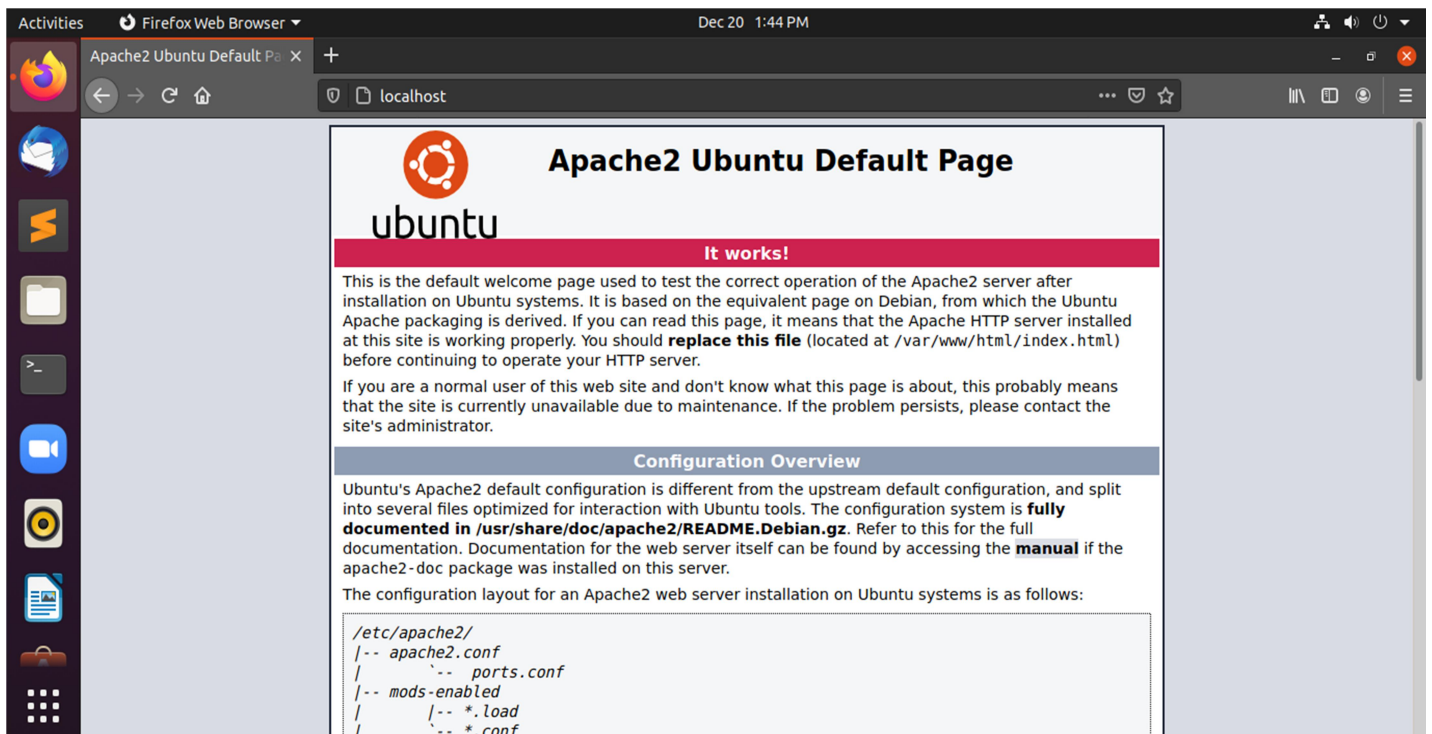
Setting up environment

1) Command to set up apache server

`sudo apt install apache2 -y`

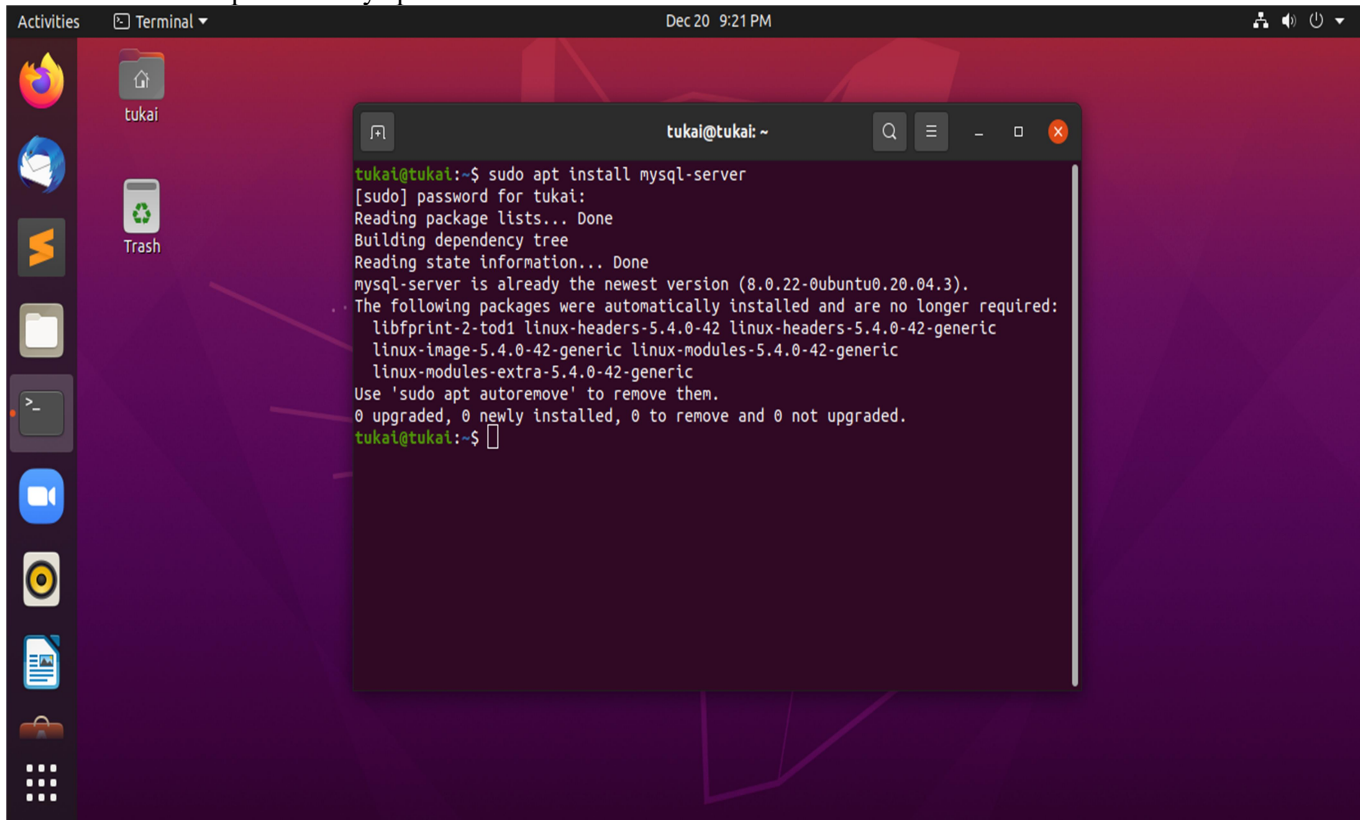


```
tukai@tukai:~$ sudo apt install apache2 -y
[sudo] password for tukai:
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu3.1).
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 linux-headers-5.4.0-42
  linux-headers-5.4.0-42-generic
  linux-image-5.4.0-42-generic
  linux-modules-5.4.0-42-generic
  linux-modules-extra-5.4.0-42-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
tukai@tukai:~$
```



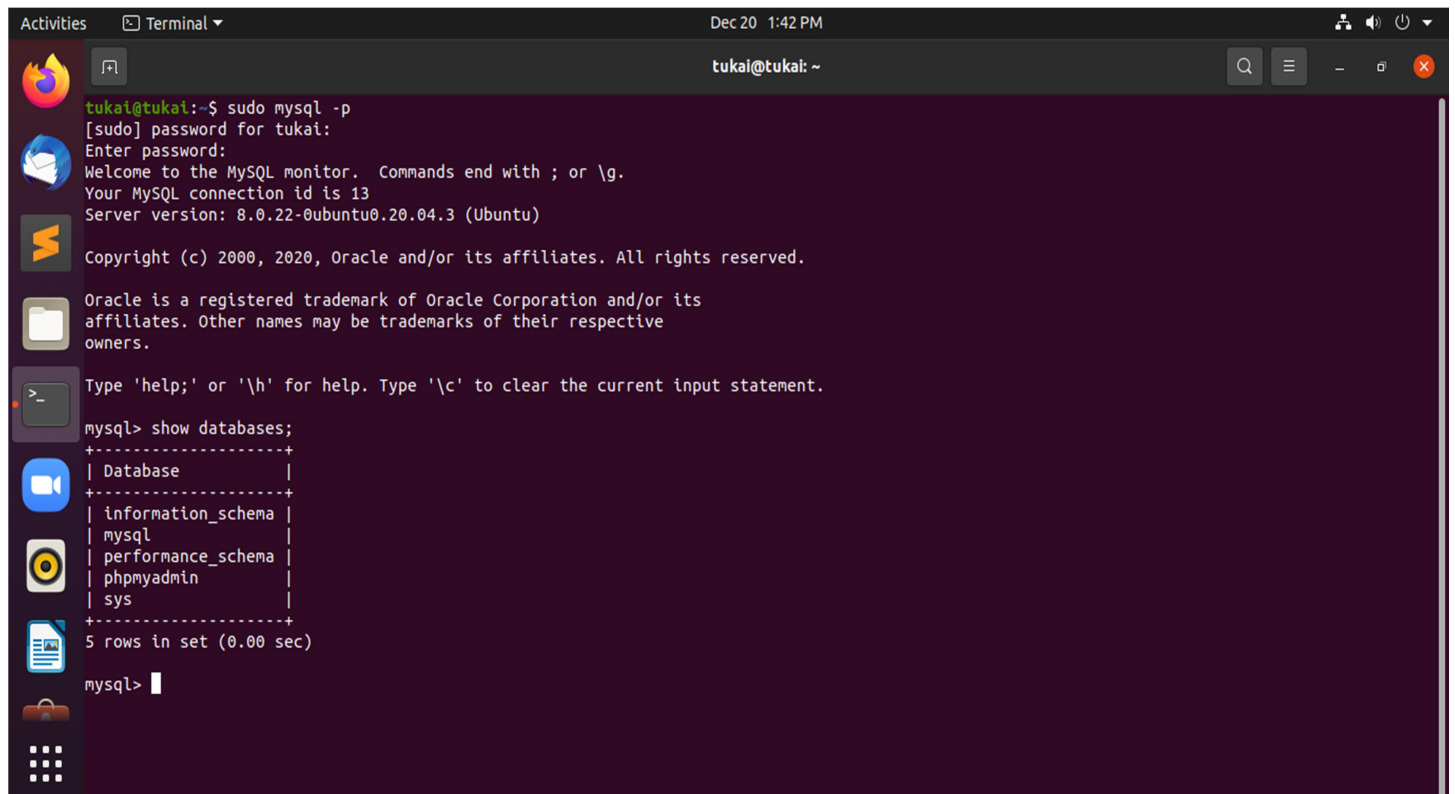
2) command to setup mysql server

sudo apt install mysql-server



A terminal window titled 'tukai@tukai: ~' is open on a Ubuntu desktop. The terminal shows the command 'sudo apt install mysql-server' being executed. The output indicates that the package is already the newest version (8.0.22-0ubuntu0.20.04.3). It lists several packages that were automatically installed and are no longer required: libfprint-2-tod1, linux-headers-5.4.0-42, linux-headers-5.4.0-42-generic, linux-image-5.4.0-42-generic, linux-modules-5.4.0-42-generic, and linux-modules-extra-5.4.0-42-generic. It suggests using 'sudo apt autoremove' to remove them. The terminal shows 0 upgraded, 0 newly installed, 0 to remove, and 0 not upgraded. The prompt returns to 'tukai@tukai:~\$'.

```
tukai@tukai:~$ sudo apt install mysql-server
[sudo] password for tukai:
Reading package lists... Done
Building dependency tree
Reading state information... Done
mysql-server is already the newest version (8.0.22-0ubuntu0.20.04.3).
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 linux-headers-5.4.0-42 linux-headers-5.4.0-42-generic
  linux-image-5.4.0-42-generic linux-modules-5.4.0-42-generic
  linux-modules-extra-5.4.0-42-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
tukai@tukai:~$
```



A terminal window titled 'tukai@tukai: ~' is open on a Ubuntu desktop. The terminal shows the command 'sudo mysql -p' being executed. The output shows the MySQL command-line interface. It prompts for a password, then displays the MySQL monitor welcome message, connection ID (13), and server version (8.0.22-0ubuntu0.20.04.3). It also shows the copyright notice and a list of databases. The prompt returns to 'mysql>'.

```
tukai@tukai:~$ sudo mysql -p
[sudo] password for tukai:
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.22-0ubuntu0.20.04.3 (Ubuntu)

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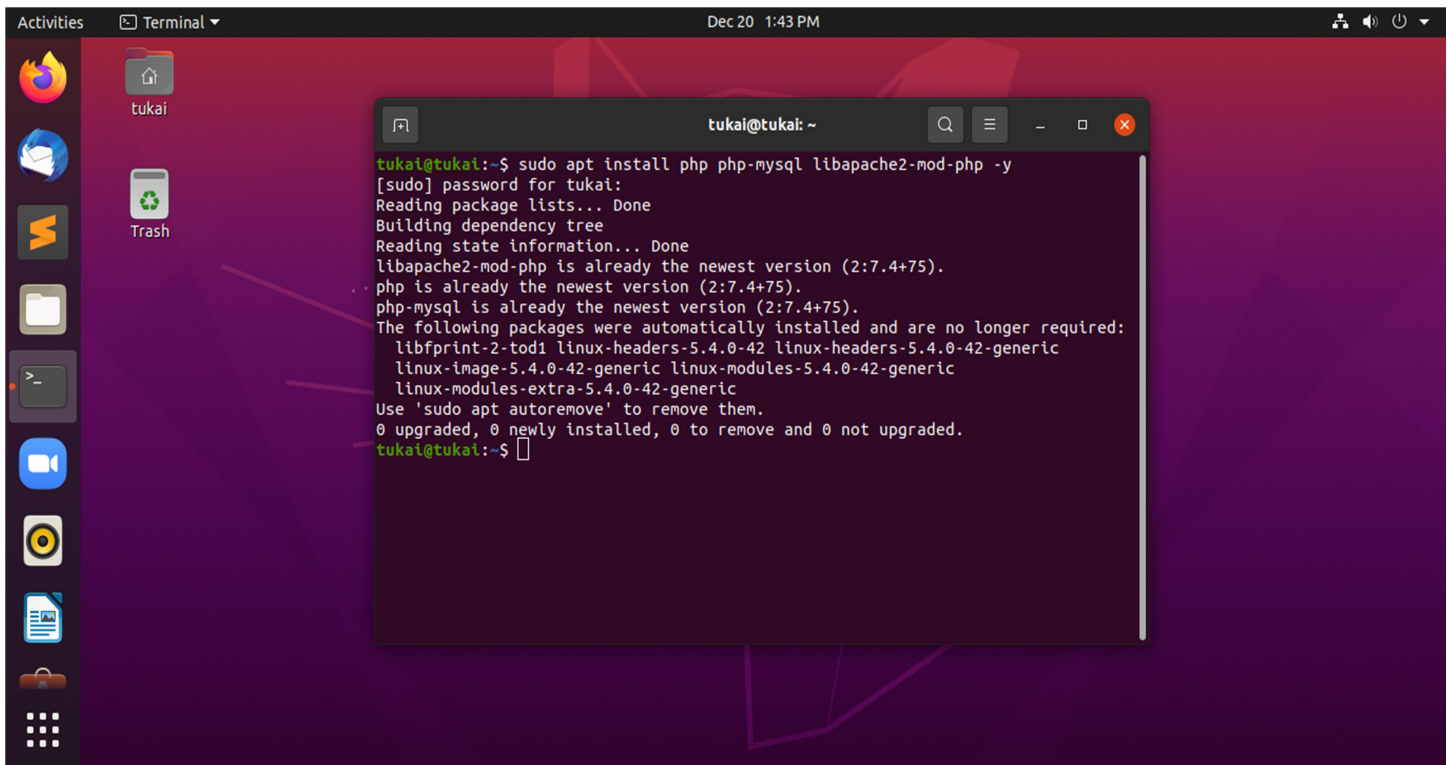
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| sys |
+-----+
5 rows in set (0.00 sec)

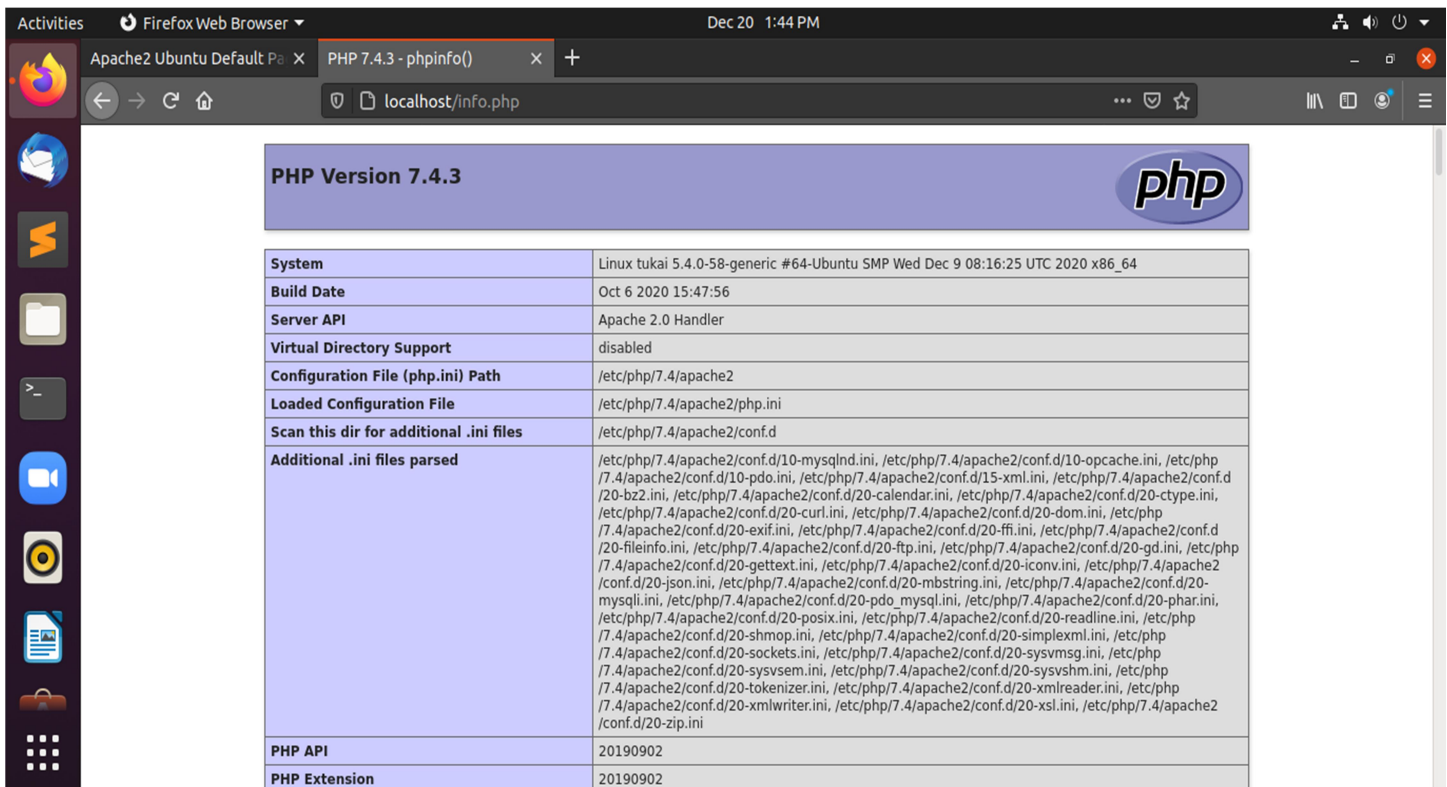
mysql>
```

3) command to setup php 7

`sudo apt install php php-mysql libapache2-mod-php -y`

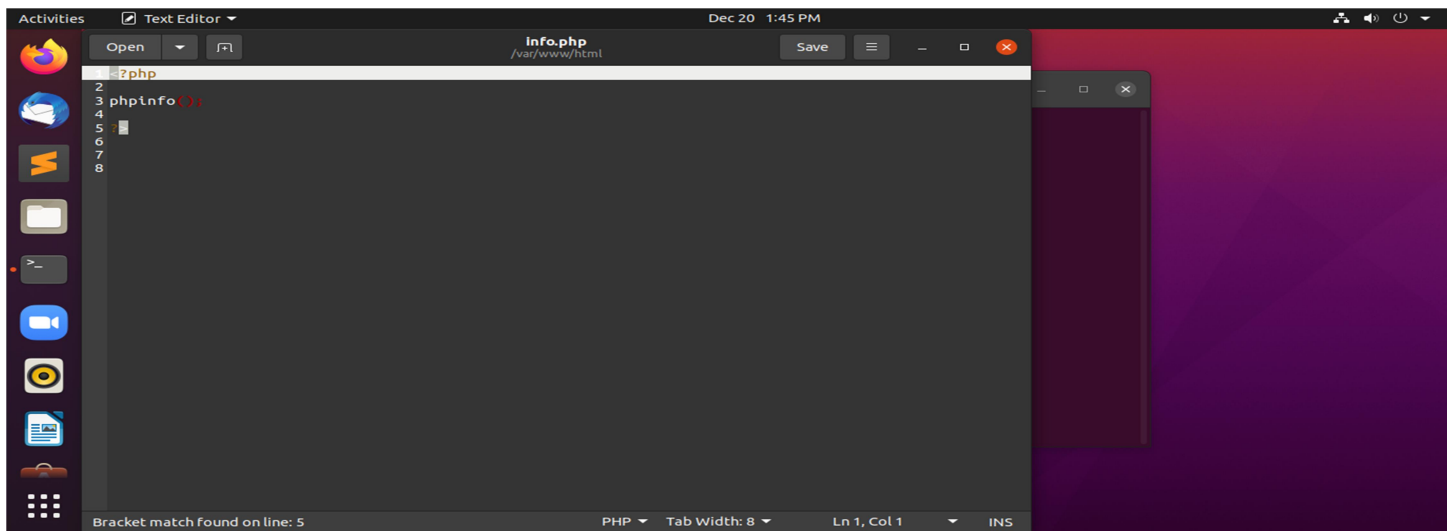
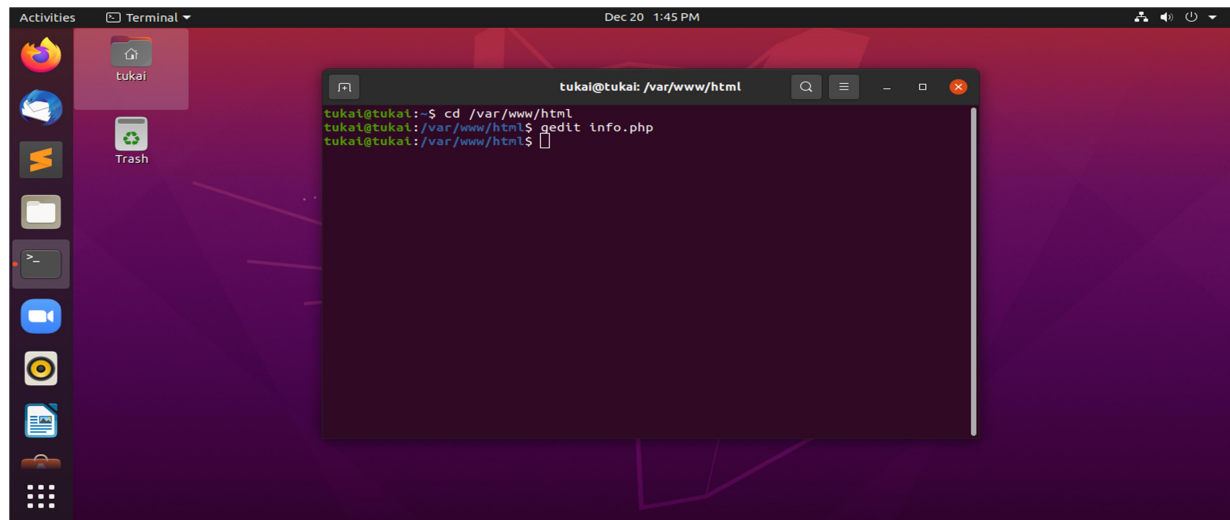


```
tukai@tukai:~$ sudo apt install php php-mysql libapache2-mod-php -y
[sudo] password for tukai:
Reading package lists... Done
Building dependency tree
Reading state information... Done
libapache2-mod-php is already the newest version (2:7.4+75).
php is already the newest version (2:7.4+75).
php-mysql is already the newest version (2:7.4+75).
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 linux-headers-5.4.0-42 linux-headers-5.4.0-42-generic
  linux-image-5.4.0-42-generic linux-modules-5.4.0-42-generic
  linux-modules-extra-5.4.0-42-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
tukai@tukai:~$
```



PHP Version 7.4.3

System	Linux tukai 5.4.0-58-generic #64-Ubuntu SMP Wed Dec 9 08:16:25 UTC 2020 x86_64
Build Date	Oct 6 2020 15:47:56
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.4/apache2
Loaded Configuration File	/etc/php/7.4/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.4/apache2/conf.d
Additional .ini files parsed	/etc/php/7.4/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.4/apache2/conf.d/10-opcache.ini, /etc/php/7.4/apache2/conf.d/10-pdo.ini, /etc/php/7.4/apache2/conf.d/15-xml.ini, /etc/php/7.4/apache2/conf.d/20-bz2.ini, /etc/php/7.4/apache2/conf.d/20-calendar.ini, /etc/php/7.4/apache2/conf.d/20-ctype.ini, /etc/php/7.4/apache2/conf.d/20-curl.ini, /etc/php/7.4/apache2/conf.d/20-dom.ini, /etc/php/7.4/apache2/conf.d/20-exif.ini, /etc/php/7.4/apache2/conf.d/20-ffi.ini, /etc/php/7.4/apache2/conf.d/20-fileinfo.ini, /etc/php/7.4/apache2/conf.d/20-ftp.ini, /etc/php/7.4/apache2/conf.d/20-gd.ini, /etc/php/7.4/apache2/conf.d/20-gettext.ini, /etc/php/7.4/apache2/conf.d/20-iconv.ini, /etc/php/7.4/apache2/conf.d/20-json.ini, /etc/php/7.4/apache2/conf.d/20-mbstring.ini, /etc/php/7.4/apache2/conf.d/20-mysqli.ini, /etc/php/7.4/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.4/apache2/conf.d/20-phar.ini, /etc/php/7.4/apache2/conf.d/20-posix.ini, /etc/php/7.4/apache2/conf.d/20-readline.ini, /etc/php/7.4/apache2/conf.d/20-shmop.ini, /etc/php/7.4/apache2/conf.d/20-simplexml.ini, /etc/php/7.4/apache2/conf.d/20-sockets.ini, /etc/php/7.4/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.4/apache2/conf.d/20-sysvsem.ini, /etc/php/7.4/apache2/conf.d/20-sysvshm.ini, /etc/php/7.4/apache2/conf.d/20-tokenizer.ini, /etc/php/7.4/apache2/conf.d/20-xmlreader.ini, /etc/php/7.4/apache2/conf.d/20-xmlwriter.ini, /etc/php/7.4/apache2/conf.d/20-xsl.ini, /etc/php/7.4/apache2/conf.d/20-zip.ini
PHP API	20190902
PHP Extension	20190902



4) setting up phpmyadmin

`sudo apt install phpmyadmin php-mbstring php-zip php-gd php-json php-curl`

