

## **SMK TEXMACO SEMARANG**



**KELOMPOK : 4G**

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**Mapel/Materi : RPL (WSL WINDOWS)**



# WSL WINDOWS

## Pembukaan

### WSL Adalah

*Windows Subsystem Linux* (WSL) adalah sebuah fitur yang dapat menjalankan linux di dalam sistem operasi windows.

WSL ini adalah fitur yang sangat membantu software developer yang memerlukan os linux namun Anda setiap hari menggunakan windows untuk bekerja.

Walau sebenarnya Anda juga bisa install sebuah virtual machine seperti *virtualbox* pada laptop/komputer Anda di windows.

Namun dengan WSL kini lebih praktis dan ringan dibanding menggunakan *virtualbox* walau memang banyak keterbatasan yang ada pada WSL.

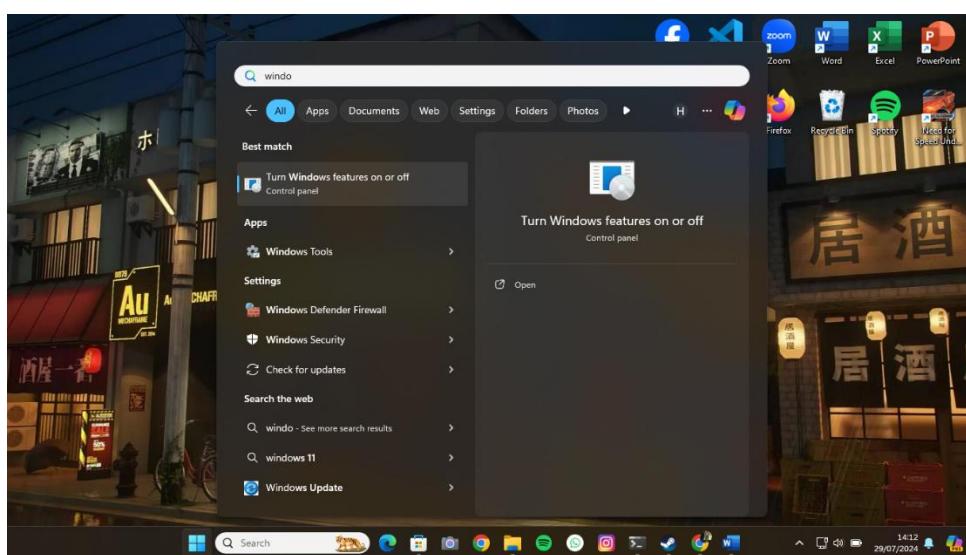
### WSL Cocok Digunakan untuk Siapa?

Dari awal pengembangannya, WSL memang di bangun utamanya untuk para developer. Microsoft menuliskan bahwa WSL adalah alat utama untuk developer, terutama web developer. WSL dibangun untuk seseorang yang banyak bekerja menggunakan Bash, tools Linux umum seperti (sed, awk dan lainnya) juga kerja kerja Linux-first seperti Ruby, Python namun juga banyak menggunakan Windows dalam pekerjaannya.

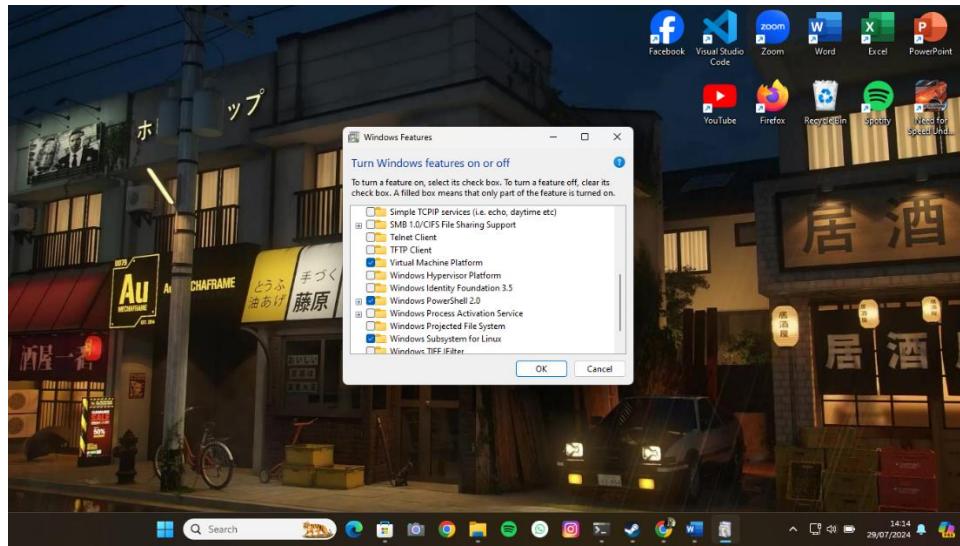
## Isi

### 1. Cara install WSL

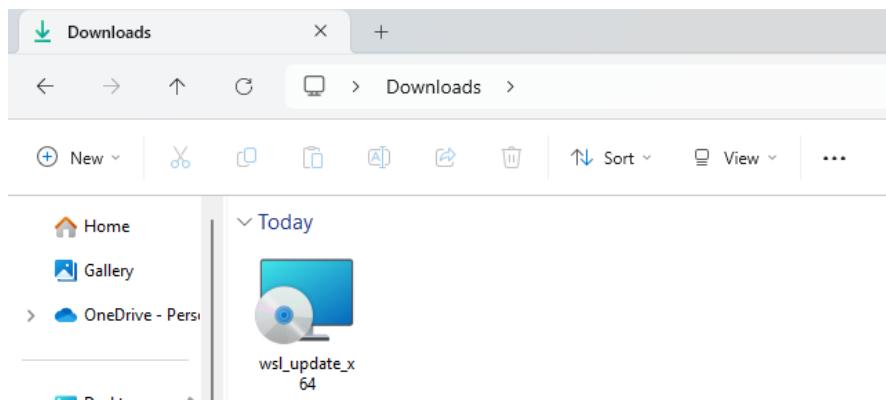
- 1.1. Hidupkan laptop
- 1.2. Kemudian cari windows feature on or off



### 1.3. Lalu hidupkan windows subsystem for linux dan virtual machine platform

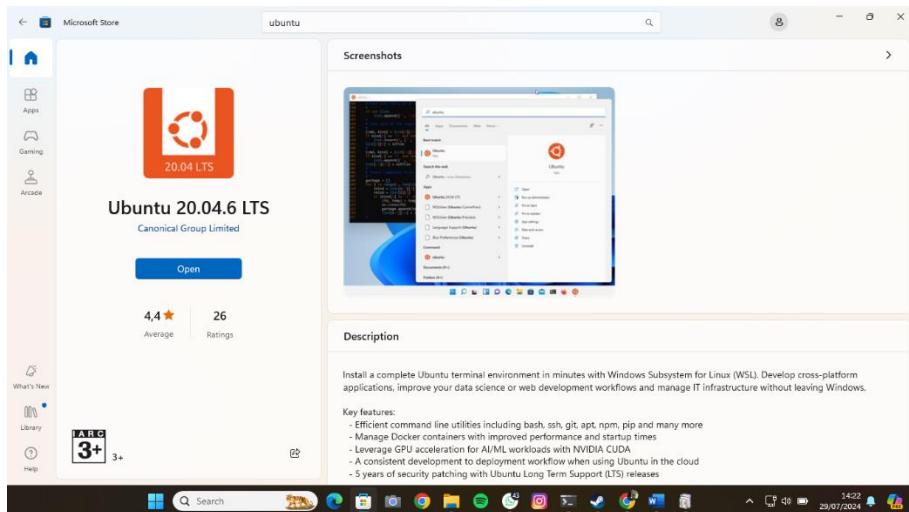


### 1.4. Download dan Install WSL UPDATE X64



## 2. Cara install UBUNTU 20.04.6 LTS

### 2.1. Cari dan download dan install UBUNTU 20.04.6 LTS di Microsoft store



## 2.2. Kemudian masuk di aplikasi UBUNTU 20.04.6 LTS untuk memasukan data user dan password

```
rpi@LAPTOP-QQH5B9:~$ sudo apt update
[sudo] password for rpi1:
```

## 2.3. Lalu klik sudo apt update

```
rpi@LAPTOP-QQH5B9:~$ sudo apt update
[sudo] password for rpi1:
```

This message is shown once a day. To disable it please create the /home/rpi1/.hushlogin file.

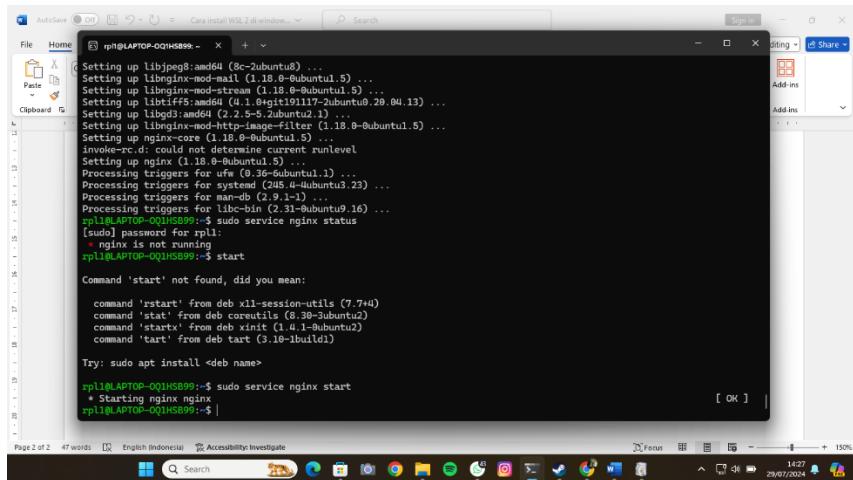
```
Get:1 http://archive.ubuntu.com/ubuntu focal InRelease [128 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease [128 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security InRelease [128 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [3108 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [3086 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal/universe Translation-en [5124 kB]
Get:8 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [459 kB]
Get:9 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [14.0 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal/universe amd64 c-n-f Metadata [265 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [104 kB]
Get:12 http://archive.ubuntu.com/ubuntu focal-security/multiverse Translation-en [104 kB]
Get:13 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [2985 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 c-n-f Metadata [9136 kB]
Get:15 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [3455 kB]
Get:16 http://archive.ubuntu.com/ubuntu focal-updates/main Translation-en [538 kB]
Get:17 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [17.7 kB]
Get:18 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [3104 kB]
Get:19 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [417 kB]
Get:20 http://archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [5444 kB]
Get:21 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [996 kB]
Get:22 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [211 kB]
Get:23 http://archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [434 kB]
Get:24 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [20.9 kB]
Get:25 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [24.8 kB]
```

#### 2.4. Lalu klik sudo apt upgrade

2.5. Lalu klik sudo apt install nginx

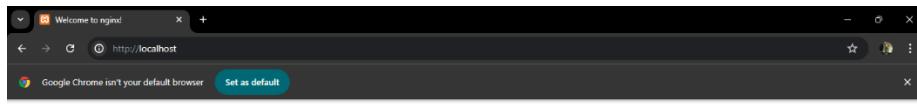
```
File Home Help rp@LAPTOP-QQH5B99:~ + ~ Reading package lists... Done Building dependency tree Reading state information... Done The following additional packages will be installed: libgd3 libjpeg9g libjpeg-turbo libjpeg8g libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libtiff5 libwebp6 nginx-common nginx-core Suggested packages: libgd-tools Fazipar nginx-doc ssl-cert The following NEW packages will be installed: libgd3 libjpeg9g libjpeg-turbo libjpeg8g libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libtiff5 libwebp6 nginx nginx-common nginx-core 0 upgraded, 13 newly installed, 0 to remove and 0 not upgraded. Need to get 1219 kB of archives. After this operation, 4398 kB of additional disk space will be used. Do you want to continue [Y/n]? Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libjpeg-turbo2 amd64 2.0.3-0ubuntu1.20.84.3 [118 kB] Get:2 http://archive.ubuntu.com/ubuntu focal/main amd64 libjpeg62 amd64 8c-2ubuntu8 [2194 B] Get:3 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libjpeg9g amd64 2.1-3.1ubuntu8.20.84.1 [27.3 kB] Get:4 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libwebp6 amd64 0.6.1-1ubuntu8.20.84.3 [185 kB] Get:5 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libtiff5 amd64 4.1.0+git191117-2ubuntu8.20.84.13 [164 kB] ] Get:6 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libgd3 amd64 2.2.5-5.1ubuntu1.1 [118 kB] Get:7 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 nginx-common all 1.18.0-0ubuntu1.5 [37.7 kB] Get:8 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libnginx-mod-http-image-filter amd64 1.18.0-0ubuntu1.5 [16.7 kB] Get:9 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libnginx-mod-http-xslt-filter amd64 1.18.0-0ubuntu1.5 [1 3.9 kB] Get:10 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libnginx-mod-mail amd64 1.18.0-0ubuntu1.5 [42.9 kB] Get:11 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libnginx-mod-stream amd64 1.18.0-0ubuntu1.5 [67.4 kB]
```

## 2.6. Lalu klik sudo service nginx status kemudian di start



```
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.5) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.5) ...
Setting up libtiff5:amd64 (4.1.0+git191117-2ubuntu0.20.04.13) ...
Setting up libgd3:amd64 (2.2.5-5.2ubuntu2.1) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.5) ...
Processing triggers for ufw (0.36-Subuntu1.1) ...
Processing triggers for systemd (245.4-Subuntu1.23)
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-Subuntu9.16)
rpl1@APTOB-0Q1HSB99:~$ sudo service nginx status
[sudo] password for rpl1:
* nginx is not running
rpl1@APTOB-0Q1HSB99:~$ start
Command 'start' not found, did you mean:
  command 'xstart' from deb x11-session-utils (7.7+4)
  command 'stat' from deb coreutils (8.39-3ubuntu2)
  command 'startx' from deb xinit (1.4.1-Subuntu2)
  command 'tar' from deb tar (3.10-1ubunti)
Try: sudo apt install <deb name>
rpl1@APTOB-0Q1HSB99:~$ sudo service nginx start
* Starting nginx nginx
rpl1@APTOB-0Q1HSB99:~$ |
```

## 2.7. Kemudian check hasil dibrowser klik localhost setelah itu akan muncul hasilnya seperti dibawah ini



### Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.  
For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

Thank you for using nginx.



### 3. Cara install php di UBUNTU

```
rp11@LAPTOP-QQIHS899:~$ sudo service nginx status
[sudo] password for rpli:
* nginx is not running
rp11@LAPTOP-QQIHS899:~$ start
Command 'start' not found, did you mean:
  command 'stat' from deb coreutils (8.30-3ubuntu2)
  command 'startx' from deb xinit (1.4.1-0ubuntu2)
  command 'rstart' from deb x11-session-utils (7.7+4)
  command 'tart' from deb tart (3.10-1build1)

Try: sudo apt install <deb name>
rp11@LAPTOP-QQIHS899:~$ sudo apt update
Err:1 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal InRelease
  Connection failed [IP: 192.168.74.1 80]
Get:2 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal-updates InRelease [7349 B]
Get:2 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal-updates InRelease [7349 B]
Err:2 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal-updates InRelease
  Clearsigned file isn't valid, got 'NOSPLIT' (does the network require authentication?)
Get:3 http://hs74.exmaco.net/login?ds=http://security.ubuntu.com/ubuntu focal-security InRelease [7355 B]
Err:3 http://hs74.exmaco.net/login?ds=http://security.ubuntu.com/ubuntu focal-security InRelease
  Connection failed [IP: 192.168.74.1 80]
Get:4 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal-backports InRelease [7385 B]
Err:4 http://hs74.exmaco.net/login?ds=http://archive.ubuntu.com/ubuntu focal-backports InRelease
  Clearsigned file isn't valid, got 'NOSPLIT' (does the network require authentication?
Reading package lists... Done
E: Failed to fetch http://archive.ubuntu.com/ubuntu/dists/focal-updates/InRelease  Clearsigned file isn't valid, got 'NO
SPLIT' (does the network require authentication?)
```

```
N: See apt-secure(8) manpage for repository creation and user configuration details.
rp11@LAPTOP-QQIHS899:~$ sudo apt upgrade -y && reboot
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
Upgraded: 0 new installed, 0 to remove and 0 not upgraded.
System has not been booted with systemd as init system (PID 1). Can't operate.
Failed to connect to bus: Host is down
rp11@LAPTOP-QQIHS899:~$ apt -y install software-properties-common
E: Could not open lock file /var/lib/dpkg/lock-frontend - open (13: Permission denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontend), are you root?
rp11@LAPTOP-QQIHS899:~$ apt -y install software-properties-common add-apt-repository ppa:ondrej/php
E: Could not open lock file /var/lib/dpkg/lock-frontend - open (13: Permission denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontend), are you root?
rp11@LAPTOP-QQIHS899:~$ sudo apt -y install software-properties-common
[sudo] password for rpli:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rp11@LAPTOP-QQIHS899:~$ sudo dpkg -l | grep php* packages.txt
dpkg-deb: error: --info needs a .deb filename argument

Type dpkg-deb --help for help about manipulating *.deb files;
Type dpkg --help for help about installing and deinstalling packages.
rp11@LAPTOP-QQIHS899:~$ cd/etc/apt
[bash]: cd/etc/apt: No such file or directory
rp11@LAPTOP-QQIHS899:~$ ls
Packages.txt
```

```
WhatsApp Web
rpl@LAPTOP-QQH5B999:~$ apt update
[...]
X! RPL 1 Pak Romain

[...]
rpl@LAPTOP-QQH5B999:~$ apt install software-properties-common
[...]
E: Unable to acquire the dpkg Frontend lock (/var/lib/dpkg/lock-frontend), are you root?
rpl@LAPTOP-QQH5B999:~$ sudo add-apt-repository ppa:ondrej/php
[...]
Cannot add PPA: 'ppa:ondrej/ubuntu/php'.
ERROR: 'ondrej' user or team does not exist.
rpl@LAPTOP-QQH5B999:~$ apt lsb_release -a
[...]
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 20.04.6 LTS
Release:        20.04
Codename:       focal
[...]
rpl@LAPTOP-QQH5B999:~$ sudo dpkg -l |grep php| tee packages.txt
tee: packages.txt: Permission denied
rpl@LAPTOP-QQH5B999:~$ cd
[...]
rpl@LAPTOP-QQH5B999:~$ sudo dpkg -l |grep php| tee packages.txt
[...]
rpl@LAPTOP-QQH5B999:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpl@LAPTOP-QQH5B999:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpl@LAPTOP-QQH5B999:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpl@LAPTOP-QQH5B999:~$ start
[...]
Dapatkan WhatsApp untuk Windows
[...]
Search
[...]
14:51 30/07/2024
```

```
WhatsApp Web
XI RPL 1 Pak Rotaim

rpl1@LAPTOP-QQ1HSB99:/etc$ sudo service nginx status
● nginx is not running
rpl1@LAPTOP-QQ1HSB99:$ start
Command 'start' not found, did you mean:
  command 'startx' from deb xinit (1.4.1-0ubuntu2)
  command 'tart' from deb tart (3.10-1build1)
  command 'rstart' from deb x11-session-utils (7.74+)
  command 'stat' from deb coreutils (8.30-3ubuntu2)
Try: sudo apt install <deb name>

rpl1@LAPTOP-QQ1HSB99:$ sudo service nginx start
● Starting nginx nginx
rpl1@LAPTOP-QQ1HSB99:$ sudo apt-update
sudo: apt-update: command not found
rpl1@LAPTOP-QQ1HSB99:$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpl1@LAPTOP-QQ1HSB99:$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpl1@LAPTOP-QQ1HSB99:$ sudo apt -y install software-properties-common
Reading package lists... Done
```

```
rpfl@LAPTOP-QQH5B9P:~$ apt update
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpfl@LAPTOP-QQH5B9P:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpfl@LAPTOP-QQH5B9P:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rpfl@LAPTOP-QQH5B9P:~$ sudo dpkg -l |grep php| tee packages.txt
rpfl@LAPTOP-QQH5B9P:~$ sudo add-apt-repository ppa:ondrej/php
Co-installable PHP versions: PHP 5.6, PHP 7.x, PHP 8.x and most requested extensions are included. Only Supported Ubuntu releases (https://wiki.ubuntu.com/Releases) are provided.

Debian oldstable and stable packages are provided as well: https://deb.sury.org/#debian-dpa

You can get more information about the packages at https://deb.sury.org

BUGS&FEATURES: This PPA now has an issue tracker:  

https://deb.sury.org/#bug-reporting

CAVEATS:
1. If you are using php-gearman, you need to add ppa:ondrej/pkg-gearman
2. If you are using apache2, you are advised to add ppa:ondrej/apache2
3. If you are using nginx, you are advised to add ppa:ondrej/nginx-mainline
or ppa:ondrej/nginx

Dapatkan WhatsApp untuk Windows
```

```
WhatsApp Web XI.RPI.1 Pak Roltaim

[1] 100% rpi@LAFTOP-QQ1HSB99:~$ etx + ~
Fetched 15.2 MB in 18s (834 kB/s)
Reading package lists... Done
rpi@LAFTOP-QQ1HSB99:~$ sudo dpkg -l | grep php | tee packages.txt
rpi@LAFTOP-QQ1HSB99:~$ sudo dpkg -l | grep php | tee packages.txt
rpi@LAFTOP-QQ1HSB99:~$ sudo dpkg -l | grep php | tee packages.txt
rpi@LAFTOP-QQ1HSB99:~$ curl https://curl.haxx.se/ca/certs/ca-bundle-trust.crt
rpi@LAFTOP-QQ1HSB99:~$ sudo nano sources.list
rpi@LAFTOP-QQ1HSB99:~$ /etc/apt-get update
rpi@LAFTOP-QQ1HSB99:~$ curl https://keyserver.ubuntu.com:443/keys/4f4ea0aae5267a6c
gpg: key 4F4EA0AAE5267A6C: "Launchpad PPA for Onedřík Šury" not changed
gpg: Total number processed: 1
gpg: unchanged: 1
rpi@LAFTOP-QQ1HSB99:~$ curl https://keyserver.ubuntu.com:443/keys/4f4ea0aae5267a6c
gpg: key 4F4EA0AAE5267A6C: "Launchpad PPA for Onedřík Šury" not changed
Reading package lists... Done
Building dependency tree
Reading state information... Done
lsb-release is already the newest version (11.1.0ubuntu2).
lsb-release set to manually installed.
ca-certificates is already the newest version (20230311ubuntu0.20.04.1).
ca-certificates set to manually installed.
curl is already the newest version (7.68.0-1ubuntu2.2).
curl set to manually installed.
gpg is already the newest version (2.2.19-3ubuntu2.2).
gpg set to manually installed.
software-properties-common is already the newest version (0.99.9.12).
software-properties-common set to manually installed.
The following NEW packages will be installed:
  apt-transport-https gnupg2
0 upgraded, 2 newly installed, 0 to remove and 7 not upgraded.
apt-transport-https gnupg2
Dapatkan WhatsApp untuk Windows
```

```
rph@LAPTOP-DQ1HSB99:~$ sudo add-apt-repository ppa:ondrej/php
[...]
Processing triggers for man-db (2.9.1-1) ...
rph@LAPTOP-DQ1HSB99:~$ sudo add-apt-repository ppa:ondrej/php
[...]
Co-installable PHP versions: PHP 5.6, PHP 7.x, PHP 8.x and most requested extensions are included. Only Supported Ubuntu Releases (https://wiki.ubuntu.com/Releases) are provided.

Debian stable and stable packages are provided as well: https://deb.sury.org/#debian-dpa
You can get more information about the packages at https://deb.sury.org

BUGS&FEATURES: This PPA now has an issue tracker:  

https://deb.sury.org/#bug-reporting

CAVEATS:
1. If you are using php-gearman, you need to add ppa:ondrej/pkg-gearman
2. If you are using apache2, you are advised to add ppa:ondrej/apache2
3. If you are using nginx, you are advised to add ppa:ondrej/nginx-mainline
   or ppa:ondrej/nginx

PLEASE READ: If you like my work and want to give me a little motivation, please consider donating regularly: https://donate.sury.org/

WARNING: add-apt-repository is broken with non-UTF-8 locales, see
https://github.com/erdnji/deb.sury.org/issues/56 for workaround:
[...]
# LC_ALL=C.UTF-8 add-apt-repository ppa:ondrej/php
More info: https://launchpad.net/~ondrej/+archive/ubuntu/php
Press [ENTER] to continue or [Ctrl-c] to cancel adding it.

Hit 1: http://archive.ubuntu.com/ubuntu focal InRelease
Hit 2: http://ppa.launchpad.net/ondrej/php/ubuntu focal InRelease
Dapatkan WhatsApp untuk Windows
Search
Ketik pesan
```

```
WhatsApp Web
rph@LAPTOP-QQ1HSB99:~$ sudo apt update -y
Hit:1 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:2 http://ppa.launchpad.net/ondrej/php/ubuntu focal InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
7 packages can be upgraded. Run 'apt list --upgradable' to see them.
rph@LAPTOP-QQ1HSB99:~$ sudo apt install php8.3-{cli,pdo,mysql,zip,gd,mbstring,curl,xsl,bcmath,common}
Reading package lists... Done
Building dependency tree
Reading state information...
Note, selecting 'php8.3-common' instead of 'php8.3-pdo'
The following additional packages will be installed:
libonig5 libpcre2-8-0 libzip4 php-common php8.3-opcache php8.3-readline
Suggested packages:
php-pecl
The following NEW packages will be installed:
libonig5 libpcre2-8-0 libzip4 php-common php8.3-cli php8.3-common php8.3-curl php8.3-gd php8.3-mbstring
php8.3-mysql php8.3-opcache php8.3-readline php8.3-xml php8.3-zip
The following packages will be upgraded:
libpcre2-8-0
1 upgraded, 14 newly installed, 0 to remove and 6 not upgraded.
Need to get 4013 kB of archives.
After this operation, 20.2 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Dapatkan WhatsApp untuk Windows
Ketik pesan
14:51 30/07/2024
```

```
WhatsApp Web
rph@LAPTOP-QQ1HSB99:~$ sudo apt -y install software-properties-common
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rph@LAPTOP-QQ1HSB99:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rph@LAPTOP-QQ1HSB99:~$ sudo apt -y install software-properties-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package software-properties-common
rph@LAPTOP-QQ1HSB99:~$ sudo dpkg -l |grep php | tee packages.txt
Fetched 15.2 MB in 1s (834 kB/s)
Co-installable PHP versions: PHP 5.6, PHP 7.x, PHP 8.x and most requested extensions are included. Only Supported Ubuntu Releases (https://wiki.ubuntu.com/Releases) are provided.
Debian oldstable and stable packages are provided as well: https://deb.sury.org/#debian-dpa
You can get more information about the packages at https://deb.sury.org
BUGS&FEATURES: This PPA now has a issue tracker:
https://deb.sury.org/#bug-reporting
CAVEATS:
1. If you are using php-gearman, you need to add ppa:ondrej/php-gearman
2. If you are using apache2, you are advised to add ppa:ondrej/apache2
3. If you are using nginx, you are advised to add ppa:ondrej/nginx
or ppa:ondrej/nginx
Dapatkan WhatsApp untuk Windows
Ketik pesan
14:51 30/07/2024
```

```
WhatsApp Web
rph@LAPTOP-QQ1HSB99:~$ sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys ff4ea0aae5267a6c
Executing: /tmp/apt-key-gpghome.nzshobZhr/gpg.1.sh --keyserver keyserver.ubuntu.com --recv-keys ff4ea0aae5267a6c
gpg: key 4F4EA0AAE5267A6C: "Launchpad PPA for Ondřej Surý" not changed
gpg: Total number processed: 1
gpg:          unchanged: 1
rph@LAPTOP-QQ1HSB99:~$ sudo apt install curl gpg software-properties-common ca-certificates apt-transport-https lsb-release -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
lsb-release is already the newest version (11.1.0ubuntu2).
lsb-release set to manually installed.
ca-certificates is already the newest version (20230311ubuntu0.20.04.1).
ca-certificates set to manually installed.
curl is already the newest version (7.68.0-1ubuntu2.22).
curl set to manually installed.
gpg is already the newest version (2.2.19-3ubuntu2.2).
gpg set to manually installed.
software-properties-common is already the newest version (0.99.9.12).
software-properties-common set to manually installed.
The following NEW packages will be installed:
apt-transport-https gpg2
0 upgraded, 2 newly installed, 0 to remove and 7 not upgraded.
Dapatkan WhatsApp untuk Windows
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14:51 30/07/2024
```

```
WhatsApp Web
rph@LAPTOP-QQ1HSB99:~$ sudo add-apt-repository ppa:ondrej/php
Processing triggers for man-db (2.9.1-1) ...
+-----+-----+
[1] 11 LARPLI 1 Pak Rotaim
[2] 12 WhatsApp Web
[3] 13 rph@LAPTOP-QQ1HSB99:~$ sudo add-apt-repository ppa:ondrej/php
[4] 14 Sudo Co-installable PHP versions: PHP 5.6, PHP 7.x, PHP 8.x and most requested extensions are included. Only Supported Ubuntu Releases (https://wiki.ubuntu.com/Releases) are provided.

Debian oldstable and stable packages are provided as well: https://deb.sury.org/#debian-dpa
You can get more information about the packages at https://deb.sury.org/
BUGS&FEATURES: This PPA now has a issue tracker:
https://deb.sury.org/#bug-reporting

CAVEATS:
1. If you are using php-gearman, you need to add ppa:ondrej/pkg-gearman
2. If you are using apache2, you are advised to add ppa:ondrej/apache2
3. If you are using nginx, you are advised to add ppa:ondrej/nginx-mainline
or ppa:ondrej/nginx

PLEASE READ: If you like my work and want to give me a little motivation, please consider donating regularly: https://donate.sury.org/
WARNING: add-apt-repository is broken with non-UTF-8 locales, see
https://github.com/erdrnj/deb.sury.org/issues/56 for workaround.

# LC_ALL=C.UTF-8 add-apt-repository ppa:ondrej/php
More info: https://launchpad.net/~ondrej/+archive/ubuntu/php
Press [ENTER] to continue or Ctrl-c to cancel adding it.

Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://ppa.launchpad.net/ondrej/php/ubuntu focal InRelease
[5] 15 Dapatkan WhatsApp untuk Windows
[6] 16 Ketik pesan
```

```
WhatsApp Web
rph@LAPTOP-QQ1HSB99:~$ sudo apt update -y
[1] 11 LARPLI 1 Pak Rotaim
[2] 12 WhatsApp Web
[3] 13 rph@LAPTOP-QQ1HSB99:~$ sudo apt update -y
[4] 14 Sudo
Reading package lists... Done
Hit:1 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:2 http://ppa.launchpad.net/ondrej/php/ubuntu focal InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu focal InRelease
Hit:6 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Reading package lists... Done
Building dependency tree
Building state information... Done
7 packages can be upgraded. Run 'apt list --upgradable' to see them.
rph@LAPTOP-QQ1HSB99:~$ sudo apt install php8.3-{cli,pdo,mysql,zip,gd,mbstring,curl,xml,bcmath,common}
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'php8.3-common' instead of 'php8.3-pdo'
The following additional packages will be installed:
    libonig9 libpcre2-8-0 libzippy4 php-common php8.3-opcache php8.3-readline
Suggested packages:
    php-pear
The following NEW packages will be installed:
    libonig9 libpcre2-8-0 libzippy4 php-common php8.3-bcmath php8.3-common php8.3-curl php8.3-gd php8.3-mbstring
    php8.3-mysql php8.3-opcache php8.3-readline php8.3-xml php8.3-zip
The following packages will be upgraded:
    libpcre2-8-0
  1 upgraded, 14 newly installed, 0 to remove and 6 not upgraded.
Need to get 4013 kB of archives.
After this operation, 28.2 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
[5] 15 Dapatkan WhatsApp untuk Windows
[6] 16 Ketik pesan
```

WhatsApp Web

```
rpl1@LAPTOP-QQ1HSB99:~$ sudo apt update
[...]
rpl1@LAPTOP-QQ1HSB99:~$ sudo apt install mariadb-server
[...]
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
galeria-3 libcgip-fast-perl libcgip-perl libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libcode-locale-perl
libfcgi-perl libhtml-parser-perl libhtml-tagset-perl libhttp-template-perl libhttp-date-perl libhttp-message-perl
libio-html-perl libhttp-mediatypes-perl libmysqlclient21 libsnappyv5 libtbera-readkey-perl libtimedate-perl
liburi-perl mariadb-client-10.3 mariadb-client-core-10.3 mariadb-common mariadb-server-10.3 mariadb-server-core-10.3
mysql-common socat
Suggested packages:
libclone-perl libltdl-perl libnet-daemon-perl libsql-statement-perl libdata-dump-perl libipc-sharedcache-perl
libwww-perl mailx mariadb-test tinyca
The following NEW packages will be installed:
galeria-3 libcgip-fast-perl libcgip-perl libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libcode-locale-perl
libfcgi-perl libhtml-parser-perl libhtml-tagset-perl libhttp-template-perl libhttp-date-perl libhttp-message-perl
libio-html-perl libhttp-mediatypes-perl libmysqlclient21 libsnappyv5 libtbera-readkey-perl libtimedate-perl
liburi-perl mariadb-client-10.3 mariadb-client-core-10.3 mariadb-common mariadb-server mariadb-server-10.3
mariadb-server-core-10.3 mysql-common socat
8 packages to install, 0 to remove and 6 not upgraded.
Need to get 21.5 MB of archives.
After this operation, 175 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 mysql-common all 5.8+1.0.5ubuntu2 [7496 B]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 mariadb-common all 1:10.3.39-0ubuntu0.20.04.2 [16.0
[...]
```

Dapatkan WhatsApp untuk Windows

Ketik pesan

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```
rpl1@LAPTOP-QQ1HSB99:~$ sudo service nginx status
[sudo] password for rpl1:
* nginx is not running
rpl1@LAPTOP-QQ1HSB99:~$ sudo service nginx start
* Starting nginx nginx
[ OK ]
rpl1@LAPTOP-QQ1HSB99:~$ sudo service nginx status
* nginx is running
rpl1@LAPTOP-QQ1HSB99:~$ sudo service nginx start
* Starting nginx nginx
[ OK ]
rpl1@LAPTOP-QQ1HSB99:~$ cd /etc/nginx
rpl1@LAPTOP-QQ1HSB99:/etc/nginx$ ls
conf.d      fastcgi_params  koi-win      modules-available  nginx.conf    scgi_params
sites-enabled uwsgi_params
fastcgi.conf koi-utf       mime.types   modules-enabled   proxy_params  sites-available
snippets    win-utf
rpl1@LAPTOP-QQ1HSB99:/etc/nginx$ cd sites-available
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ ls
default
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ sudo nano default
[sudo] password for rpl1:
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ cd /var/www/html
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ ls
```

Search

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```
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ sudo nano info.php
[sudo] password for rpl1:
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ sudo nano info.php
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ sudo service nginx restart
* Restarting nginx nginx
[ OK ]
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ ls
index.nginx-debian.html  info.php
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ ls -la
total 16
drwxr-xr-x  2 root root 4096 Jul 31 09:42 .
drwxr-xr-x  3 root root 4096 Jul 29 11:04 ..
-rw-r--r--  1 root root  612 Jul 29 11:04 index.nginx-debian.html
-rw-r--r--  1 root root  20 Jul 31 09:42 info.php
rpl1@LAPTOP-QQ1HSB99:/var/www/html$ cd ..
rpl1@LAPTOP-QQ1HSB99:/var/www$ ls -la
total 12
drwxr-xr-x  3 root root 4096 Jul 29 11:04 .
drwxr-xr-x 14 root root 4096 Jul 29 11:04 ..
```

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```
rpl1@LAPTOP-QQ1HSB99:~$ sudo usermod aG $USER:www-data
usage: usermod [options] LOGIN

Options:
  -b, --badnames      allow bad names
  -c, --comment COMMENT    new value of the GECOS field
  -d, --home HOME_DIR    new home directory for the user account
  -e, --expiredate EXPIRE_DATE  set account expiration date to EXPIRE_DATE
  -f, --inactive INACTIVE  set password inactive after expiration
                           to INACTIVE
  -g, --gid GROUP        force use GROUP as new primary group
  -G, --groups GROUPS    new list of supplementary GROUPS
  -a, --append            append the user to the supplemental GROUPS
                           mentioned by the -G option without removing
```

```
rpl1@LAPTOP-QQ1HSB99:~$ sudo usermod aG www-data
usage: usermod [options] LOGIN

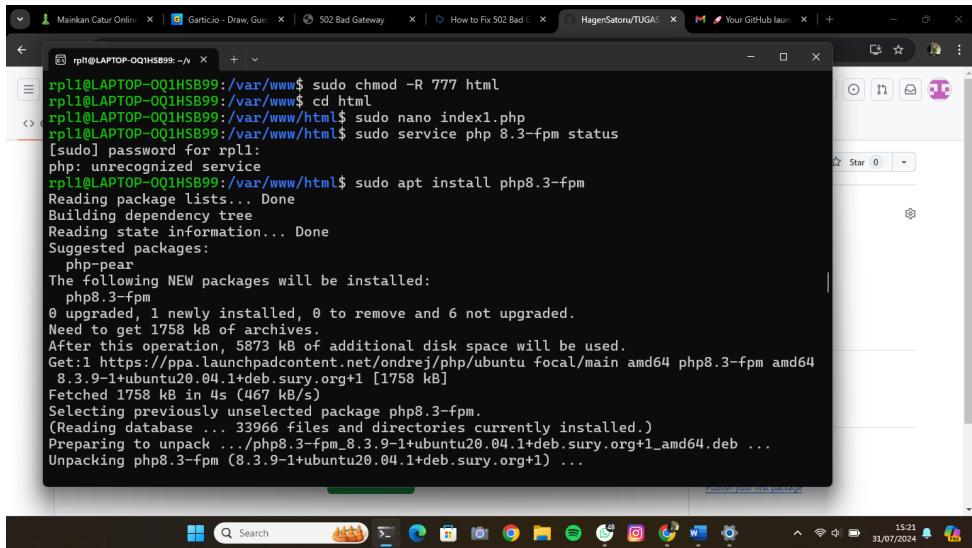
Options:
  -b, --badnames      allow bad names
  -c, --comment COMMENT    new value of the GECOS field
  -d, --home HOME_DIR    new home directory for the user account
  -e, --expiredate EXPIRE_DATE  set account expiration date to EXPIRE_DATE
  -f, --inactive INACTIVE  set password inactive after expiration
                           to INACTIVE
  -g, --gid GROUP        force use GROUP as new primary group
  -G, --groups GROUPS    new list of supplementary GROUPS
  -a, --append            append the user to the supplemental GROUPS
                           mentioned by the -G option without removing
  -h, --help             display this help message and exit
  -l, --login NEW_LOGIN   new value of the login name
  -L, --lock              lock the user account
  -m, --move-home         move contents of the home directory to the
                           new location (use only with -d)
  -o, --non-unique        allow using duplicate (non-unique) UID
  -p, --password PASSWORD  use encrypted password for the new password
  -R, --root CHROOT_DIR    directory to chroot into
  -P, --prefix PREFIX_DIR  prefix directory where are located the /etc/* files
```

```
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo usermod aG www-data /html
Usage: usermod [options] LOGIN

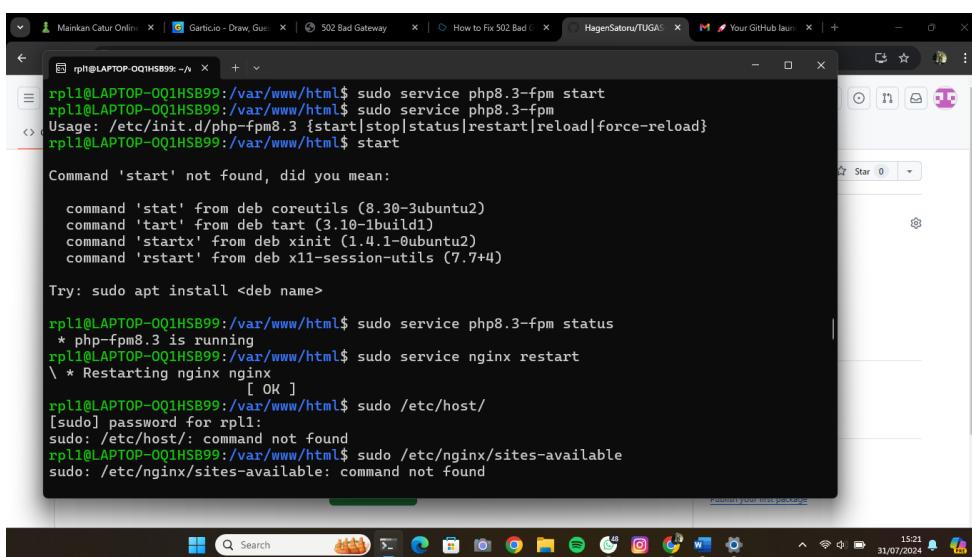
Options:
  -b, --badnames      allow bad names
  -c, --comment COMMENT    new value of the GECOS field
  -d, --home HOME_DIR    new home directory for the user account
  -e, --expiredate EXPIRE_DATE   set account expiration date to EXPIRE_DATE
  -f, --inactive INACTIVE   set password inactive after expiration
                             to INACTIVE
  -g, --gid GROUP        force use GROUP as new primary group
  -G, --groups GROUPS    new list of supplementary GROUPS
  -a, --append           append the user to the supplemental GROUPS
                         mentioned by the -G option without removing
                         the user from other groups
  -h, --help             display this help message and exit
  -l, --login NEW_LOGIN  new value of the login name
  -L, --lock             lock the user account
  -m, --move-home        move contents of the home directory to the
                         new location (use only with -d)
  -o, --non-unique       allow using duplicate (non-unique) UID
  -p, --password PASSWORD  use encrypted password for the new password
  -R, --root CHROOT_DIR  directory to chroot into

rpl1@LAPTOP-QQ1HSB99:~/var/www$
```

```
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo chmod 775 -r /html
chmod: cannot access '775': No such file or directory
chmod: cannot access '/html': No such file or directory
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo chmod 775 -r html
chmod: cannot access '775': No such file or directory
rpl1@LAPTOP-QQ1HSB99:~/var/www$ ls
html
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo chmod -R 775 html
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo chown -R $USER:www-data html
rpl1@LAPTOP-QQ1HSB99:~/var/www$ cd
rpl1@LAPTOP-QQ1HSB99:~$ cd /etc/nginx/
rpl1@LAPTOP-QQ1HSB99:/etc/nginx$ cd sites-available
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ ls
default
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ sudo nano default
rpl1@LAPTOP-QQ1HSB99:/etc/nginx/sites-available$ cd
rpl1@LAPTOP-QQ1HSB99:~$ cd /var/www
rpl1@LAPTOP-QQ1HSB99:~/var/www$ ls -la
total 12
drwxr-xr-x  3 root root    4096 Jul 29 11:04 .
drwxr-xr-x 14 root root    4096 Jul 29 11:04 ..
drwxrwxr-x  2 rpl1 www-data 4096 Jul 31 09:42 html
rpl1@LAPTOP-QQ1HSB99:~/var/www$ sudo chmod -R 777 html
rpl1@LAPTOP-QQ1HSB99:~/var/www$
```



```
rpli@LAPTOP-0Q1HSB99:~/var/www$ sudo chmod -R 777 html
rpli@LAPTOP-0Q1HSB99:~/var/www$ cd html
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo nano index1.php
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo service php 8.3-fpm status
[sudo] password for rpli:
php: unrecognized service
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo apt install php8.3-fpm
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  php-pear
The following NEW packages will be installed:
  php8.3-fpm
0 upgraded, 1 newly installed, 0 to remove and 6 not upgraded.
Need to get 1758 kB of archives.
After this operation, 5873 kB of additional disk space will be used.
Get:1 https://ppa.launchpadcontent.net/ondrej/php/ubuntu focal amd64 php8.3-fpm amd64 8.3.9-1+ubuntu20.04.1+deb.sury.org+1 [1758 kB]
Fetched 1758 kB in 4s (467 kB/s)
Selecting previously unselected package php8.3-fpm.
(Reading database ... 33966 files and directories currently installed.)
Preparing to unpack .../php8.3-fpm_8.3.9-1+ubuntu20.04.1+deb.sury.org+1_amd64.deb ...
Unpacking php8.3-fpm (8.3.9-1+ubuntu20.04.1+deb.sury.org+1) ...
```



```
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo service php8.3-fpm start
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo service php8.3-fpm
Usage: /etc/init.d/php-fpm8.3 {start|stop|status|restart|reload|force-reload}
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ start
Command 'start' not found, did you mean:
  command 'stat' from deb coreutils (8.30-3ubuntu2)
  command 'tart' from deb tart (3.10-1build1)
  command 'startx' from deb xinit (1.4.1-0ubuntu2)
  command 'rstart' from deb x11-session-utils (7.7+4)

Try: sudo apt install <deb name>
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo service php8.3-fpm status
* php-fpm8.3 is running
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo service nginx restart
\ * Restarting nginx nginx
[ OK ]
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo /etc/host
[sudo] password for rpli:
sudo: /etc/host/: command not found
rpli@LAPTOP-0Q1HSB99:~/var/www/html$ sudo /etc/nginx/sites-available
sudo: /etc/nginx/sites-available: command not found
```

```
rpl1@LAPTOP-OQ1HSB99:~$ sudo /etc/host/  
[sudo] password for rpl1:  
rpl1@LAPTOP-OQ1HSB99:~$ sudo /etc/nginx/sites-available  
sudo: /etc/nginx/sites-available: command not found  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano default  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano /etc/hosts  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano '#default'  
>  
> vvvv  
> bbb  
> bb  
> sudo service nginx restart^C  
rpl1@LAPTOP-OQ1HSB99:~$ ^C  
rpl1@LAPTOP-OQ1HSB99:~$ ^C  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano '#default'  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service nginx status  
* nginx is running  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service php status  
> ^C  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service php status  
php: unrecognized service  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano default  
rpl1@LAPTOP-OQ1HSB99:~$ cd sites-available  
rpl1@LAPTOP-OQ1HSB99:~$
```

```
rpl1@LAPTOP-OQ1HSB99:~$ ^C  
rpl1@LAPTOP-OQ1HSB99:~$ ^C  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano '#default'  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service nginx status  
* nginx is running  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service php status  
> ^C  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service php status  
php: unrecognized service  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano default  
rpl1@LAPTOP-OQ1HSB99:~$ cd sites-available  
-bash: cd: sites-available: No such file or directory  
rpl1@LAPTOP-OQ1HSB99:~$ sudo service nginx restart  
* Restarting nginx nginx  
[ OK ]  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano default  
[sudo] password for rpl1:  
rpl1@LAPTOP-OQ1HSB99:~$ sudo nano default  
[sudo] password for rpl1:  
rpl1@LAPTOP-OQ1HSB99:~$ cd sites-available  
-bash: cd: sites-available: No such file or directory  
rpl1@LAPTOP-OQ1HSB99:~$ cd /etc/nginx/sites-available  
-bash: cd: /etc/nginx/sites-available: No such file or directory  
rpl1@LAPTOP-OQ1HSB99:~$ cd /etc/nginx/sites-available
```

A screenshot of a Windows desktop environment showing a terminal window. The terminal window has a dark background and displays a Linux command-line session. The session starts with the user navigating to the `/etc/nginx/sites-available` directory, then creating a new file `default` using `sudo nano default`. It then restarts the `nginx` service with `sudo service nginx restart`. The user then installs `git` using `sudo apt install git`, which is already at the newest version. The user navigates to the `web` directory, initializes a Git repository with `git init`, and checks the status with `git status`, indicating they are on the `master` branch.

```
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ cd sites-available  
-bash: cd: sites-available: No such file or directory  
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ sudo nano default  
y: command not found  
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ sudo service nginx restart  
* Restarting nginx nginx  
[ OK ]  
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ sudo apt install git  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
git is already the newest version (1:2.25.1-1ubuntu3.13).  
git set to manually installed.  
0 upgraded, 0 newly installed, 0 to remove and 6 not upgraded.  
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ cd  
rpl1@LAPTOP-OQ1HSB99:~$ cd web  
rpl1@LAPTOP-OQ1HSB99:~/web$ ls  
'Cara install WSL 2 di windows 11_ok.pdf'  
rpl1@LAPTOP-OQ1HSB99:~/web$ git init  
Initialized empty Git repository in /home/rpl1/web/.git/  
rpl1@LAPTOP-OQ1HSB99:~/web$ git status  
On branch master
```

A screenshot of a Windows desktop environment showing a terminal window. The terminal window has a dark background and displays a continuation of the Linux command-line session from the previous screenshot. The user runs `git add` to track the untracked file `11\_ok.pdf`. The terminal then shows a message: "nothing added to commit but untracked files present (use "git add" to track)".

```
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ sudo apt install git  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
git is already the newest version (1:2.25.1-1ubuntu3.13).  
git set to manually installed.  
0 upgraded, 0 newly installed, 0 to remove and 6 not upgraded.  
rpl1@LAPTOP-OQ1HSB99:~/etc/nginx/sites-available$ cd  
rpl1@LAPTOP-OQ1HSB99:~$ cd web  
rpl1@LAPTOP-OQ1HSB99:~/web$ ls  
'Cara install WSL 2 di windows 11_ok.pdf'  
rpl1@LAPTOP-OQ1HSB99:~/web$ git init  
Initialized empty Git repository in /home/rpl1/web/.git/  
rpl1@LAPTOP-OQ1HSB99:~/web$ git status  
On branch master  
  
No commits yet  
  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
Cara install WSL 2 di windows 11_ok.pdf  
  
nothing added to commit but untracked files present (use "git add" to track)  
rpl1@LAPTOP-OQ1HSB99:~/web$ git add .
```

A screenshot of a Linux terminal window titled 'rpl1@LAPTOP-OQ1HSB99:~/web\$'. The terminal displays the following command-line session:

```
rpl1@LAPTOP-OQ1HSB99:~/web$ git add .
rpl1@LAPTOP-OQ1HSB99:~/web$ ls
'Cara install WSL 2 di windows 11_ok.pdf'
rpl1@LAPTOP-OQ1HSB99:~/web$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  Cara install WSL 2 di windows 11_ok.pdf

rpl1@LAPTOP-OQ1HSB99:~/web$ git commit -m "tugas web server"
*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
```

A second screenshot of a Linux terminal window titled 'rpl1@LAPTOP-OQ1HSB99:~/web\$'. The terminal displays the same command-line session as the first screenshot, showing the steps to commit a new file to a GitHub repository.

```
rpl1@LAPTOP-OQ1HSB99:~/web$ git add .
rpl1@LAPTOP-OQ1HSB99:~/web$ ls
'Cara install WSL 2 di windows 11_ok.pdf'
rpl1@LAPTOP-OQ1HSB99:~/web$ git status
On branch master

No commits yet

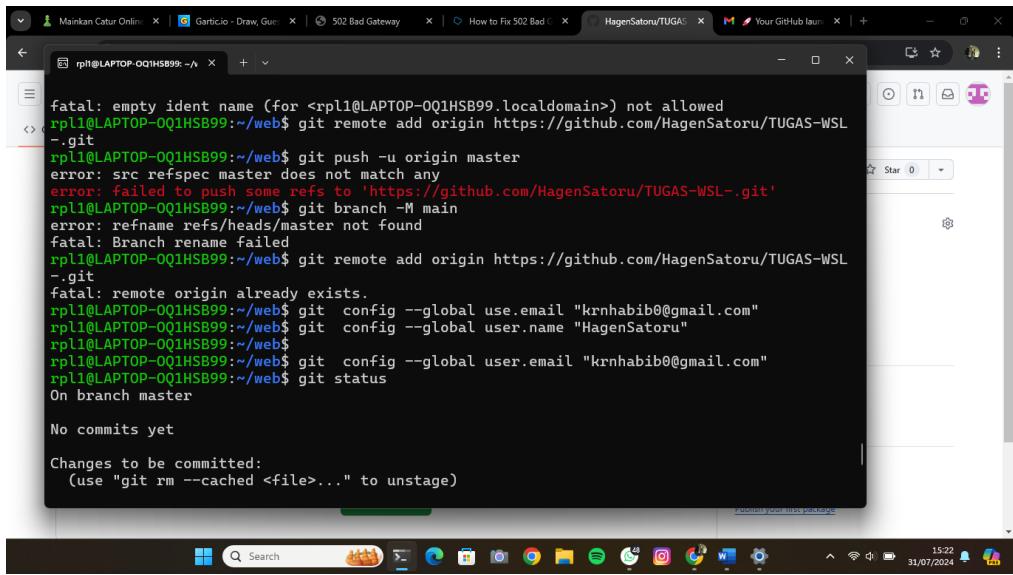
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  Cara install WSL 2 di windows 11_ok.pdf

rpl1@LAPTOP-OQ1HSB99:~/web$ git commit -m "tugas web server"
*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

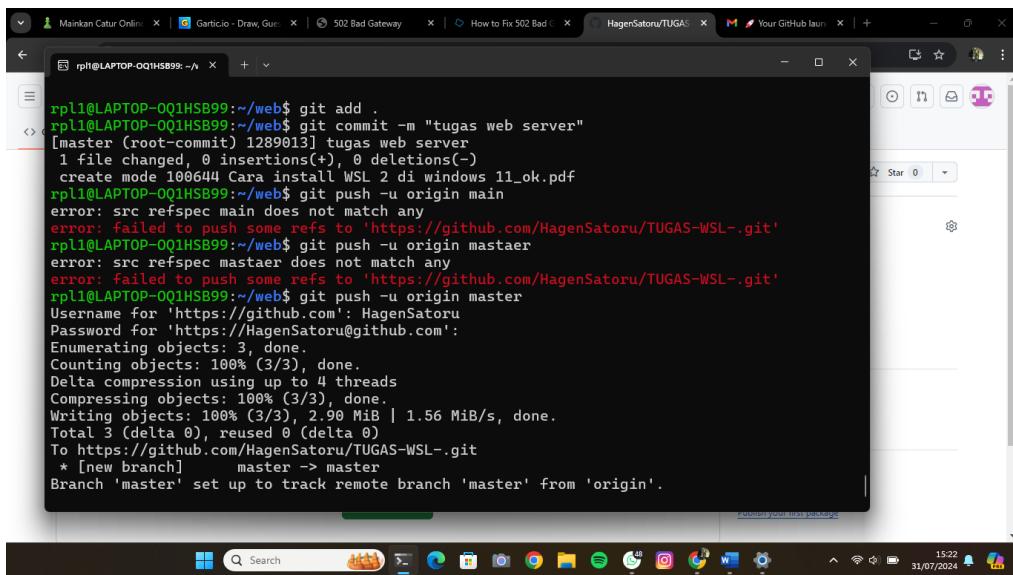
to set your account's default identity.
Omit --global to set the identity only in this repository.
```



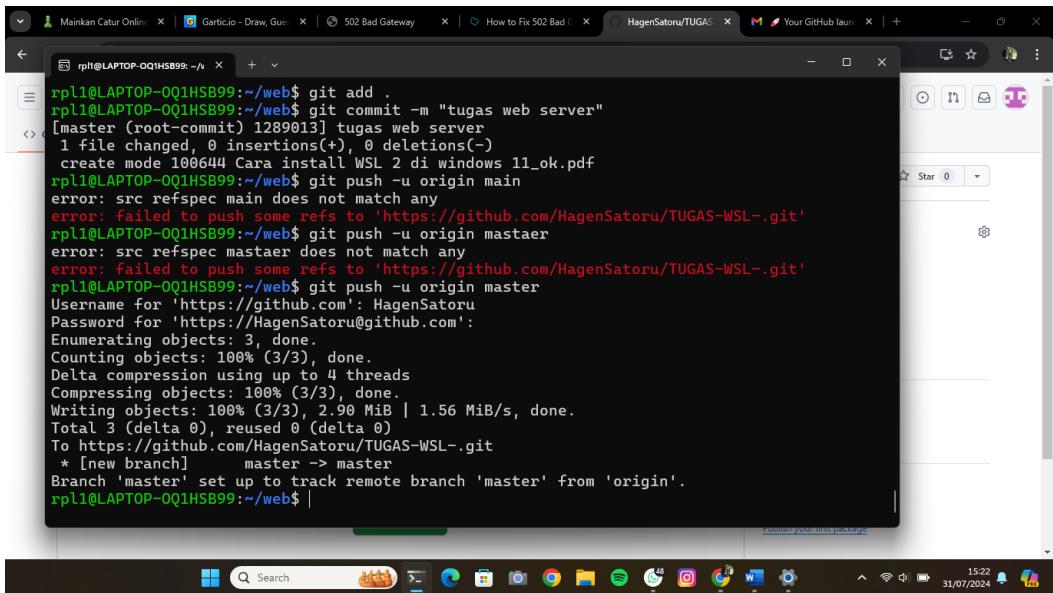
```
rpl1@LAPTOP-QQ1HSB99:~/web$ git remote add origin https://github.com/HagenSatoru/TUGAS-WSL-.git
fatal: empty ident name (for <rpl1@LAPTOP-QQ1HSB99.localdomain>) not allowed
rpl1@LAPTOP-QQ1HSB99:~/web$ git push -u origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/HagenSatoru/TUGAS-WSL-.git'
rpl1@LAPTOP-QQ1HSB99:~/web$ git branch -M main
error: refname refs/heads/main not found
fatal: Branch rename failed
rpl1@LAPTOP-QQ1HSB99:~/web$ git remote add origin https://github.com/HagenSatoru/TUGAS-WSL-.git
fatal: remote origin already exists.
rpl1@LAPTOP-QQ1HSB99:~/web$ git config --global user.name "HagenSatoru"
rpl1@LAPTOP-QQ1HSB99:~/web$ git config --global user.email "krnhabib0@gmail.com"
rpl1@LAPTOP-QQ1HSB99:~/web$ git config --global user.name "HagenSatoru"
rpl1@LAPTOP-QQ1HSB99:~/web$ git config --global user.email "krnhabib0@gmail.com"
rpl1@LAPTOP-QQ1HSB99:~/web$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

rpl1@LAPTOP-QQ1HSB99:~/web$
```



```
rpl1@LAPTOP-QQ1HSB99:~/web$ git add .
rpl1@LAPTOP-QQ1HSB99:~/web$ git commit -m "tugas web server"
[master (root-commit) 1289013] tugas web server
 1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 Cara install WSL 2 di windows 11_ok.pdf
rpl1@LAPTOP-QQ1HSB99:~/web$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/HagenSatoru/TUGAS-WSL-.git'
rpl1@LAPTOP-QQ1HSB99:~/web$ git push -u origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/HagenSatoru/TUGAS-WSL-.git'
rpl1@LAPTOP-QQ1HSB99:~/web$ git push -u origin master
Username for 'https://github.com': HagenSatoru
Password for 'https://HagenSatoru@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 2.90 MiB | 1.56 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/HagenSatoru/TUGAS-WSL-.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```



A screenshot of a Windows desktop environment showing a terminal window. The terminal window has a dark background and contains the following command-line session:

```
rpl1@LAPTOP-0Q1HSB99:~/web$ git add .
rpl1@LAPTOP-0Q1HSB99:~/web$ git commit -m "tugas web server"
[master (root-commit) 1289013] tugas web server
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Cara install WSL 2 di windows 11_ok.pdf
rpl1@LAPTOP-0Q1HSB99:~/web$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/HagenSatoru/TUGAS-WSL-.git'
rpl1@LAPTOP-0Q1HSB99:~/web$ git push -u origin mastaer
error: src refspec mastaer does not match any
error: failed to push some refs to 'https://github.com/HagenSatoru/TUGAS-WSL-.git'
rpl1@LAPTOP-0Q1HSB99:~/web$ git push -u origin master
Username for 'https://github.com': HagenSatoru
Password for 'https://HagenSatoru@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 2.90 MiB | 1.56 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/HagenSatoru/TUGAS-WSL-.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
rpl1@LAPTOP-0Q1HSB99:~/web$ |
```

#SELESAI#

## **Penutupan**

- **Kesimpulan**

Menggunakan WSL untuk kebutuhan developer memberikan banyak kemudahan untuk developer dalam pengembangan website maupun aplikasi. Dengan WSL developer bisa menggunakan Linux dalam OS Windows pun menggunakan distro Linux yang sesuai.

Nah itulah penjelasan mengenai WSL lengkap dengan cara install WSL di windows untuk Anda pengembangan website maupun aplikasi bisa dengan mudah didukung dengan layanan hosting terbaik, salah satunya dari hosting murah Jagoweb.

Anda bisa memilih banyak paket web hosting murah terbaik di Jagoweb sesuai dengan kebutuhan Anda.

Selain itu ada layanan domain juga vps murah untuk Anda di Jagoweb. Pilih sesuai kebutuhan Anda!

Sekian informasi hari ini tentang WSL, semoga bermanfaat!