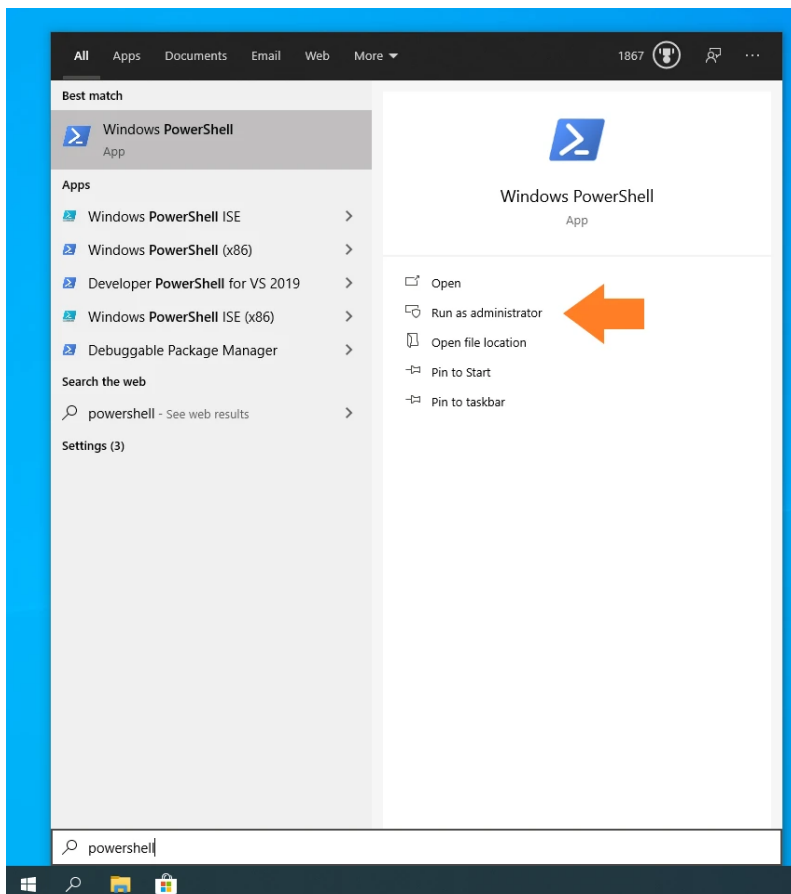
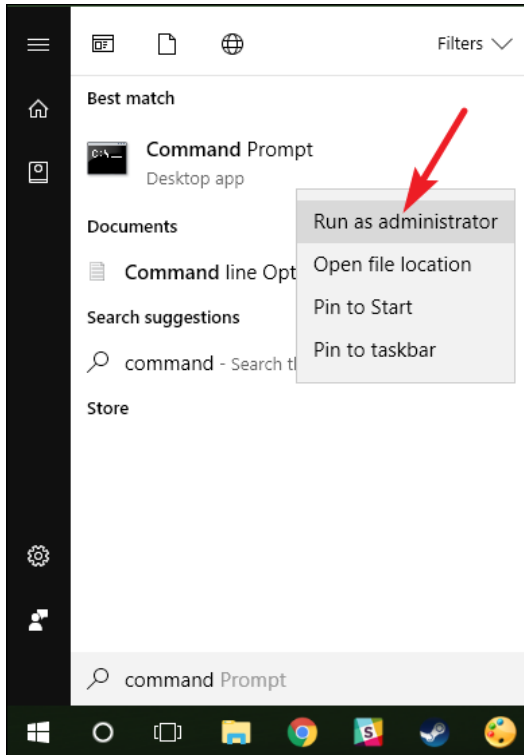
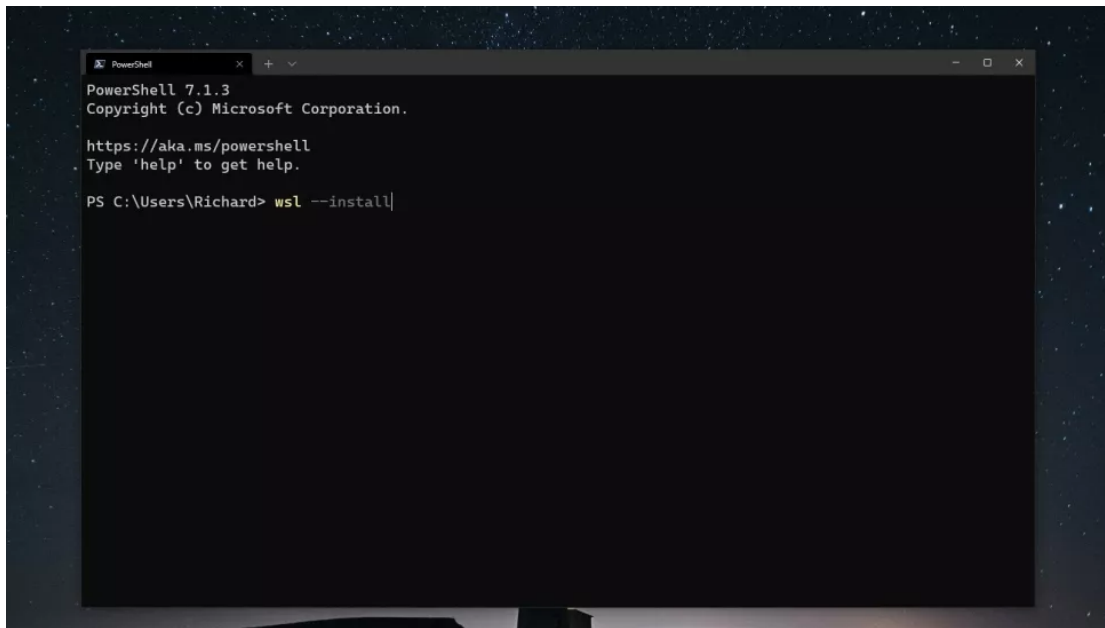


## Install a Windows subsystem for Linux (WSL)

1. Open Windows PowerShell or Command Prompt in admin mode:  
Right click on the app + Run as administrator



2. Once it opens, type  
**wsl --install**



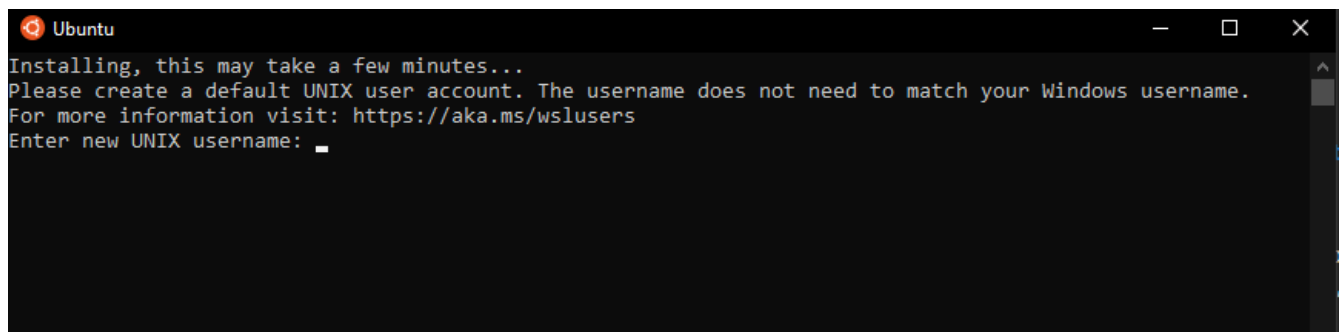
**Note:** It might take a while for it to finish installing. If there is an error about admin rights, please make sure your user has admin rights and that you have opened the shell as administrator.

3. Search for Ubuntu or Linux in the Microsoft Store and install Ubuntu (either work fine):



4. Open the Ubuntu application and configure it. It will most likely ask to create a UNIX username and a password.

**Note:** You will need the password for future software installations or to run as admin. So be sure to remember it.

A terminal window titled 'Ubuntu' with standard window controls. The text inside shows the progress of installing Ubuntu on Windows. It says 'Installing, this may take a few minutes...', 'Please create a default UNIX user account. The username does not need to match your Windows username.', and 'For more information visit: https://aka.ms/wslusers'. It then prompts 'Enter new UNIX username:' followed by a cursor.

```
Ubuntu
Installing, this may take a few minutes...
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: _
```

5. After you have configured run the following commands:

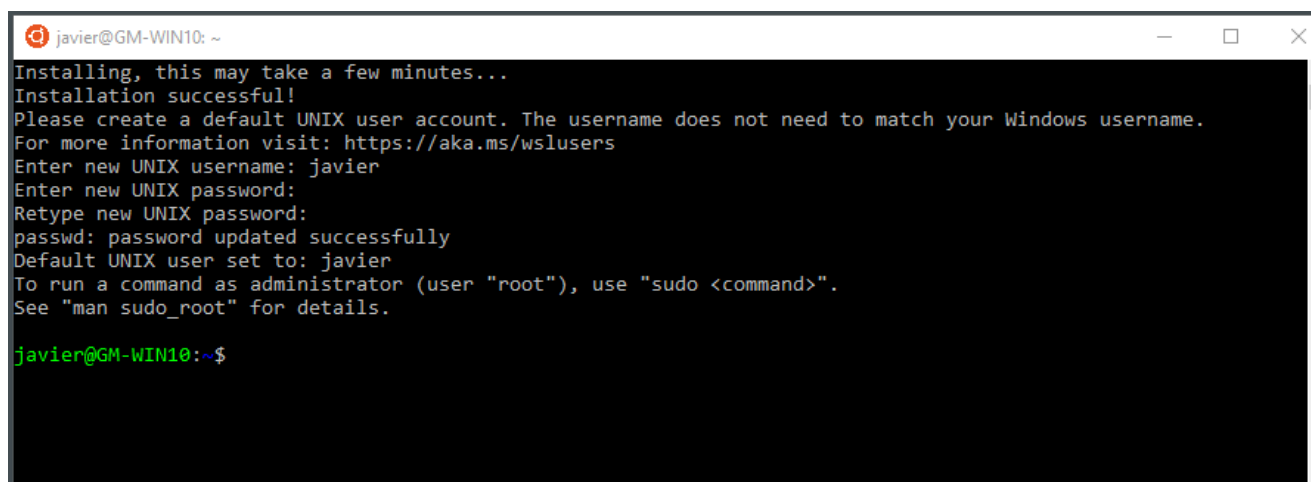
**sudo apt update**

then

**sudo apt upgrade**

Press **Y** when prompted.

6. Terminal should show a prompt that looks like  
username@name-of-computer: ~\$

A terminal window titled 'javier@GM-WIN10: ~' with standard window controls. The text inside shows the completion of the Ubuntu installation. It says 'Installing, this may take a few minutes...', 'Installation successful!', 'Please create a default UNIX user account. The username does not need to match your Windows username.', and 'For more information visit: https://aka.ms/wslusers'. It then shows the user 'javier' being created, the password being set, and the default user being set to 'javier'. It also shows instructions on how to run commands as administrator using 'sudo'. The prompt 'javier@GM-WIN10:~\$' is shown at the bottom.

```
javier@GM-WIN10: ~
Installing, this may take a few minutes...
Installation successful!
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: javier
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Default UNIX user set to: javier
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

javier@GM-WIN10:~$
```

If so, you have finished the WSL installation for windows and you are ready to run UNIX commands.