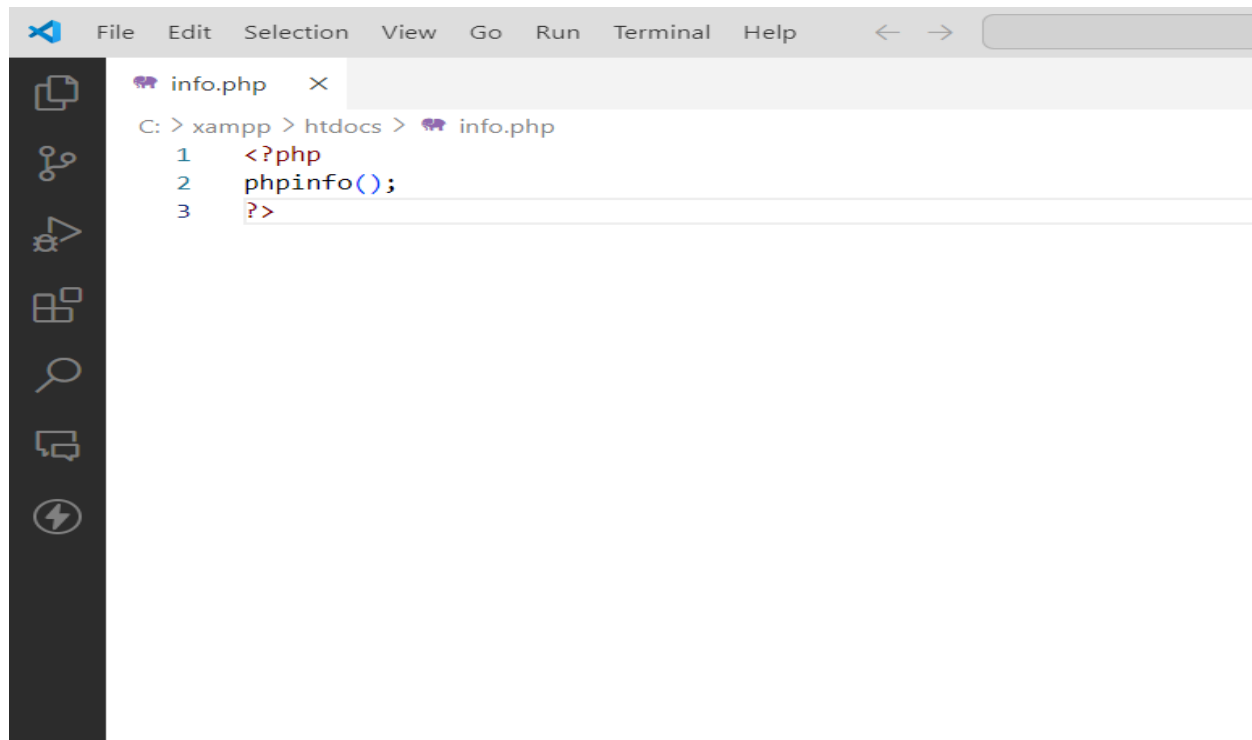


## Task 1: Installing Visual Studio Code: I have already installed vs code

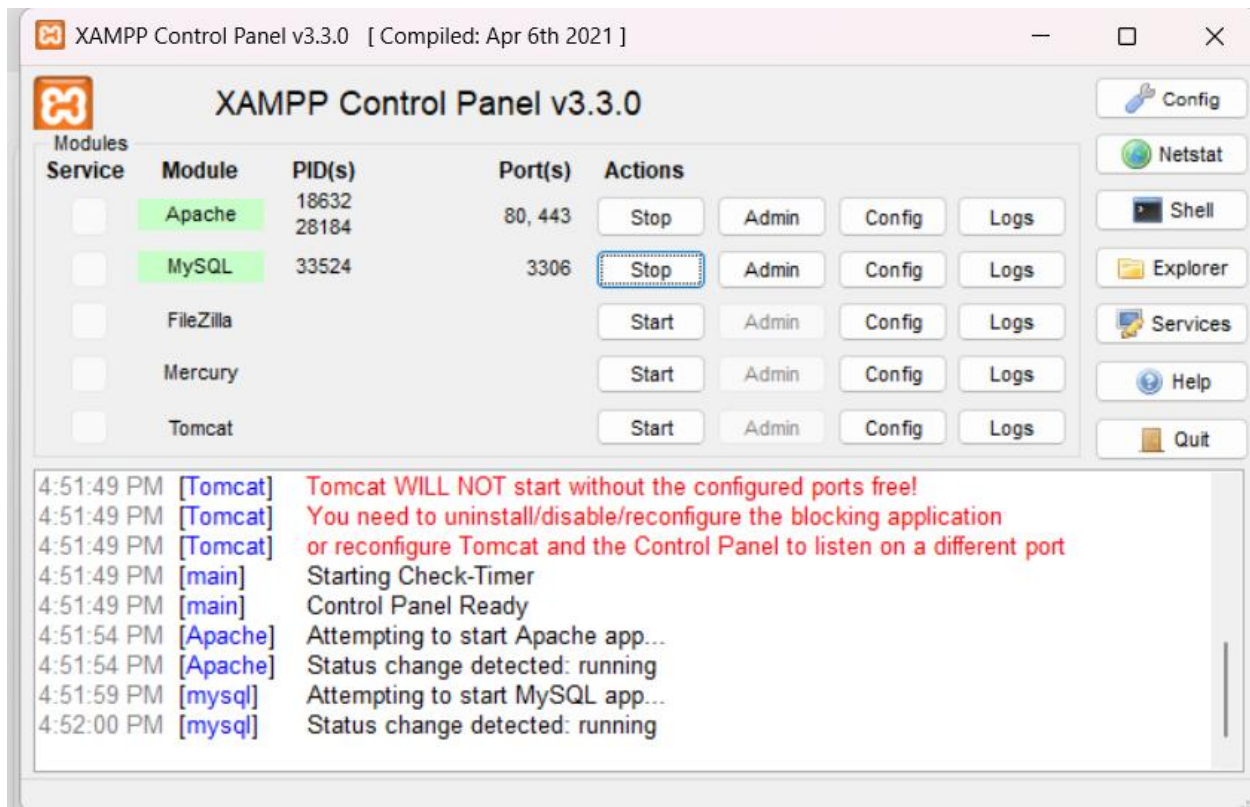


## Output of that info.php program

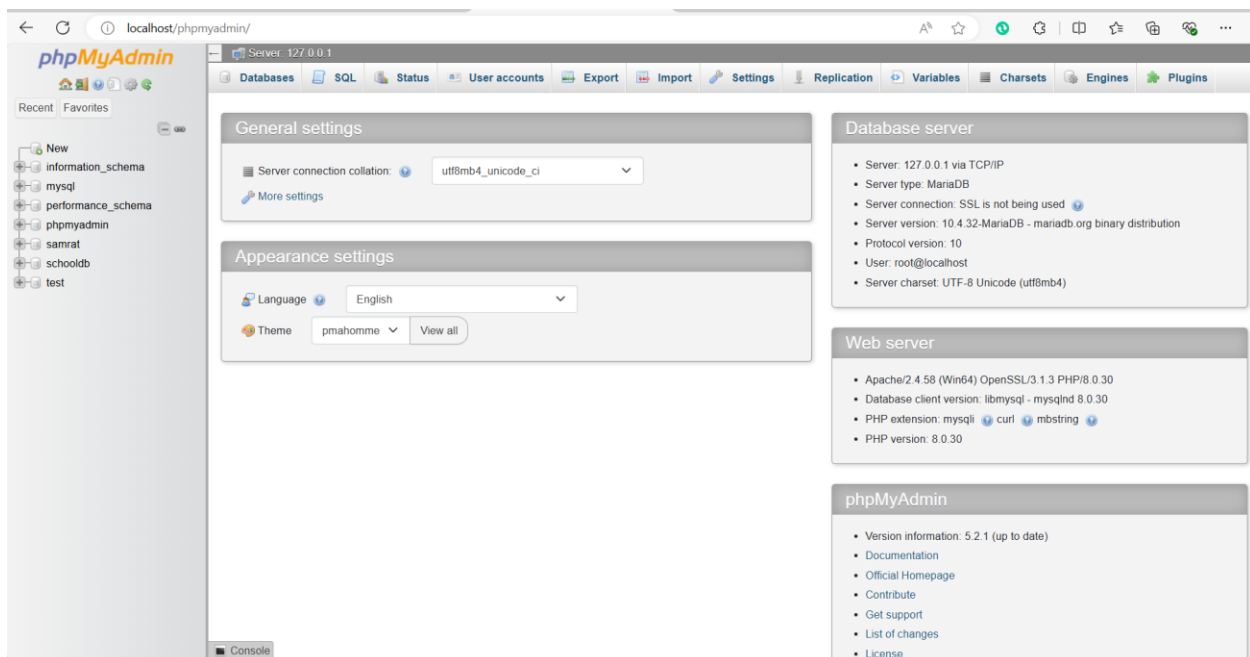
The screenshot shows a web browser window with the address bar displaying 'localhost/info.php'. The page content is the output of the 'phpinfo()' function, titled 'PHP Version 8.0.30'. The output is presented as a table with two columns: the configuration parameter and its value.

PHP Version 8.0.30	
System	Windows NT AKHIL98 10.0 build 26100 (Windows 10) AMD64
Build Date	Sep 1 2023 14:11:29
Build System	Microsoft Windows Server 2019 Datacenter [10.0.17763]
Compiler	Visual C++ 2019
Architecture	x86
Configure Command	cmd /c "n /nologo /e /js /script configure.js --enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=\\.\.\.\.\instantclient\sd\shared" "--with-oci8-19=\\.\.\.\.\instantclient\sd\shared" "--enable-object-out-dir=\\.\obj" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	no value
Loaded Configuration File	C:\xampp\php\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20200930
PHP Extension	20200930
Zend Extension	420200930
Zend Extension Build	API420200930, TS, VS16
PHP Extension Build	API20200930, TS, VS16
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled
DTrace Support	disabled

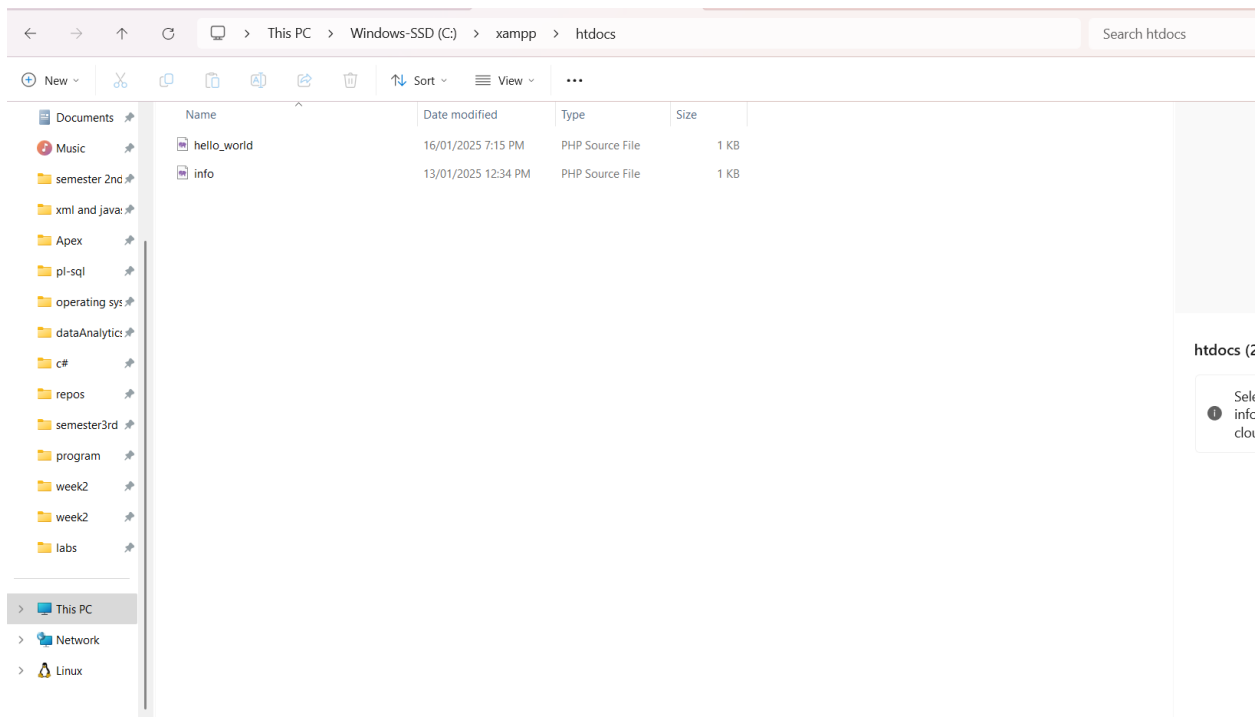
## Task2: I already installed this in my last semester so I just Starting the Apache and MySQL Modules Using the XAMPP Control Panel



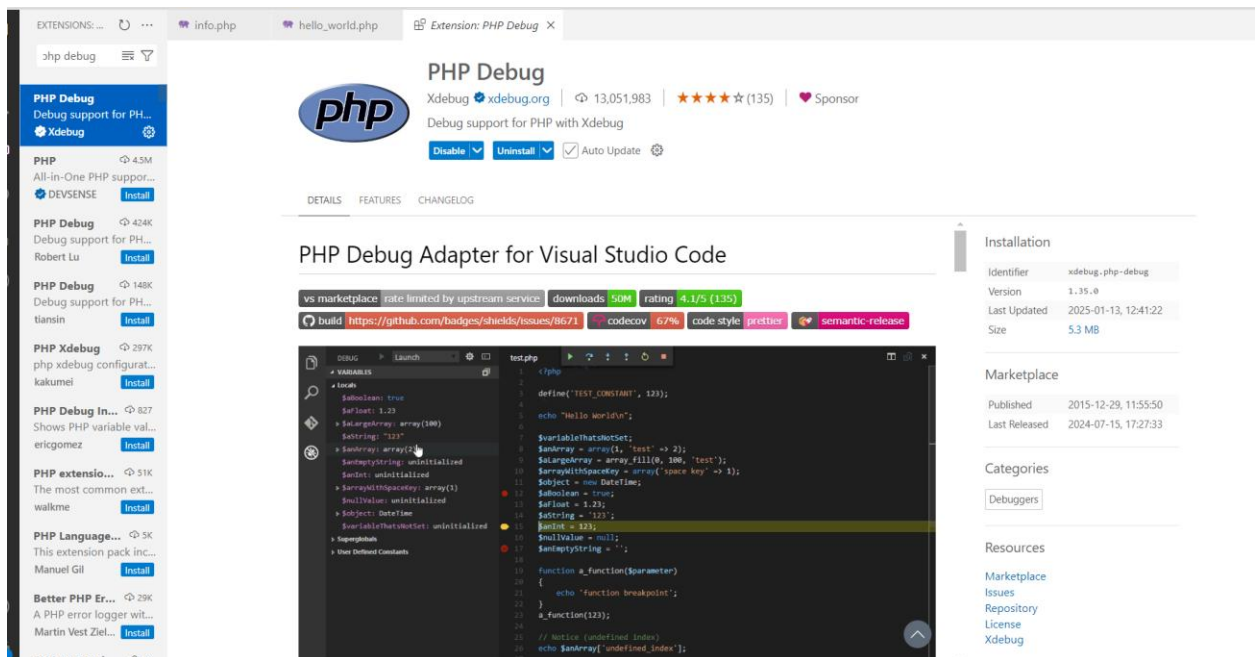
## Running PhpMyAdmin on web



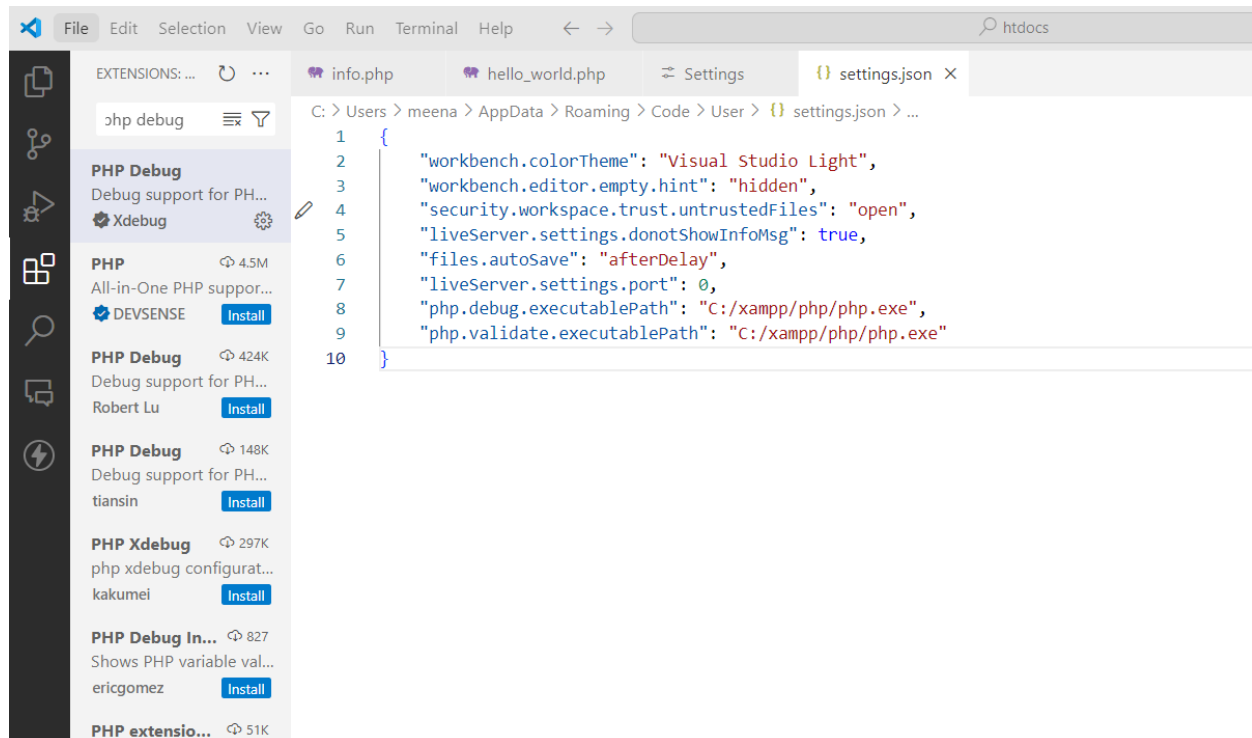
## Verifying PHP Installation



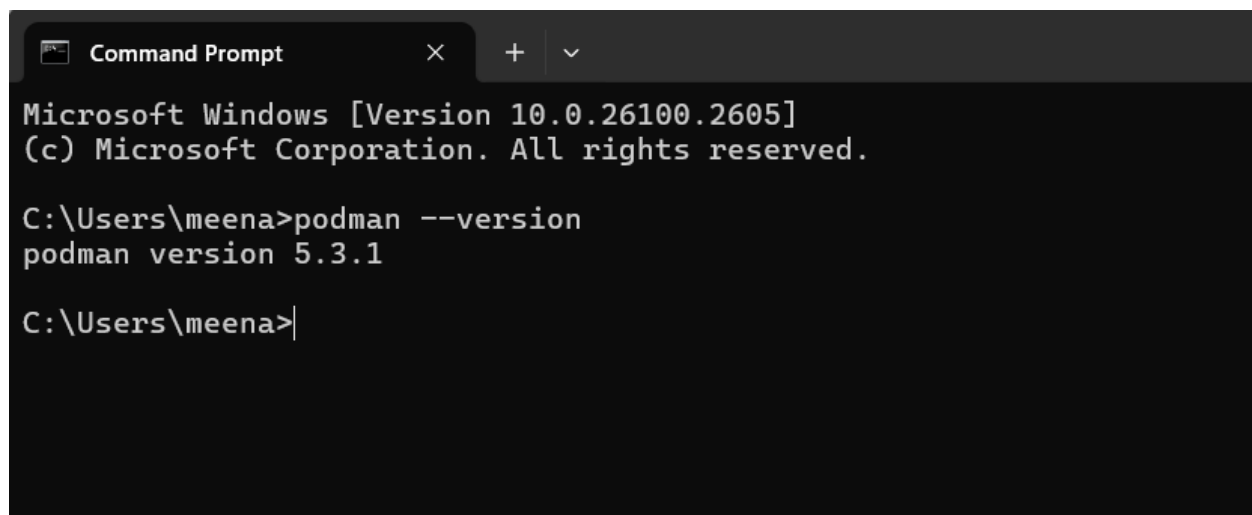
## Navigating to the Extensions Marketplace & Searching for PHP Debug and Then Clicking Install



### Task 3:Configuring VS Code to use PHP from XAMPP & Setting php.executablePath to PHP executable in your XAMPP installation



### Task4: 1) Podman version install and verifying:



### 2)Git compose version install and verifying:

```
C:\Users\meena>podman-compose --version
podman-compose version 1.3.0
podman version 5.3.1

C:\Users\meena>
```

### 3) Python and pip version install and verifying:

```
C:\Users\meena>python --version
Python 3.13.1

C:\Users\meena>pip --version
pip 24.3.1 from C:\Python313\Lib\site-packages\pip (python 3.13)

C:\Users\meena>
```

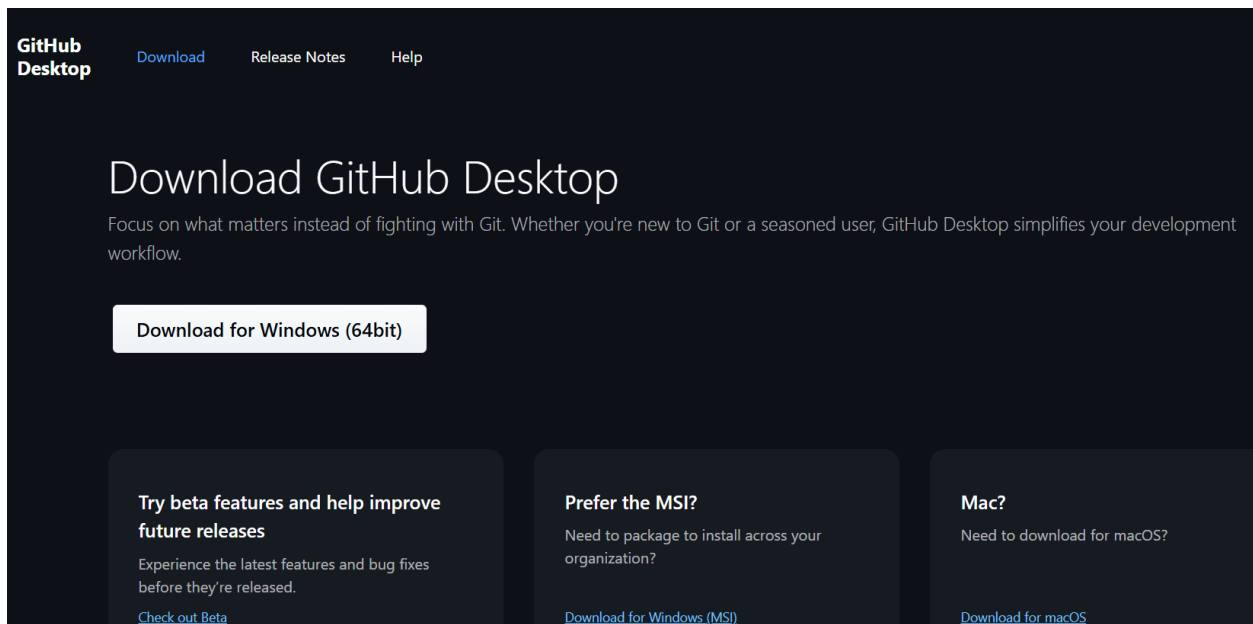
### 4)Git installs and verifying:

```
C:\Users\meena>pip --version
pip 24.3.1 from C:\Python313\Lib\site-packages\pip (python 3.13)

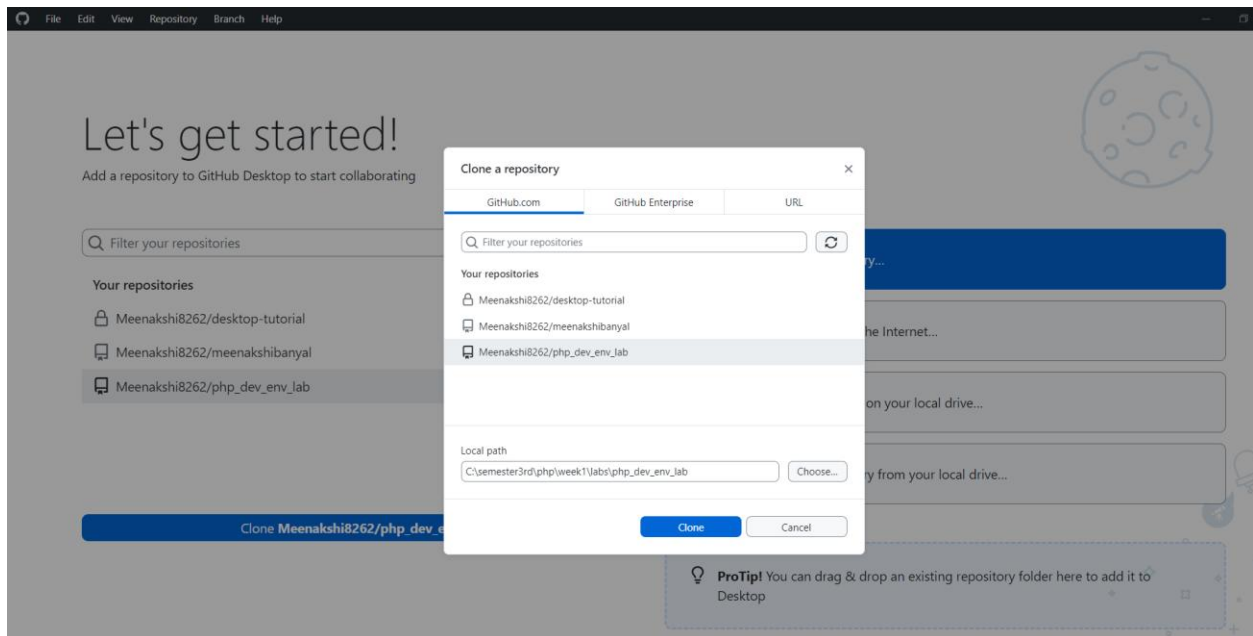
C:\Users\meena>git --version
git version 2.47.1.windows.2

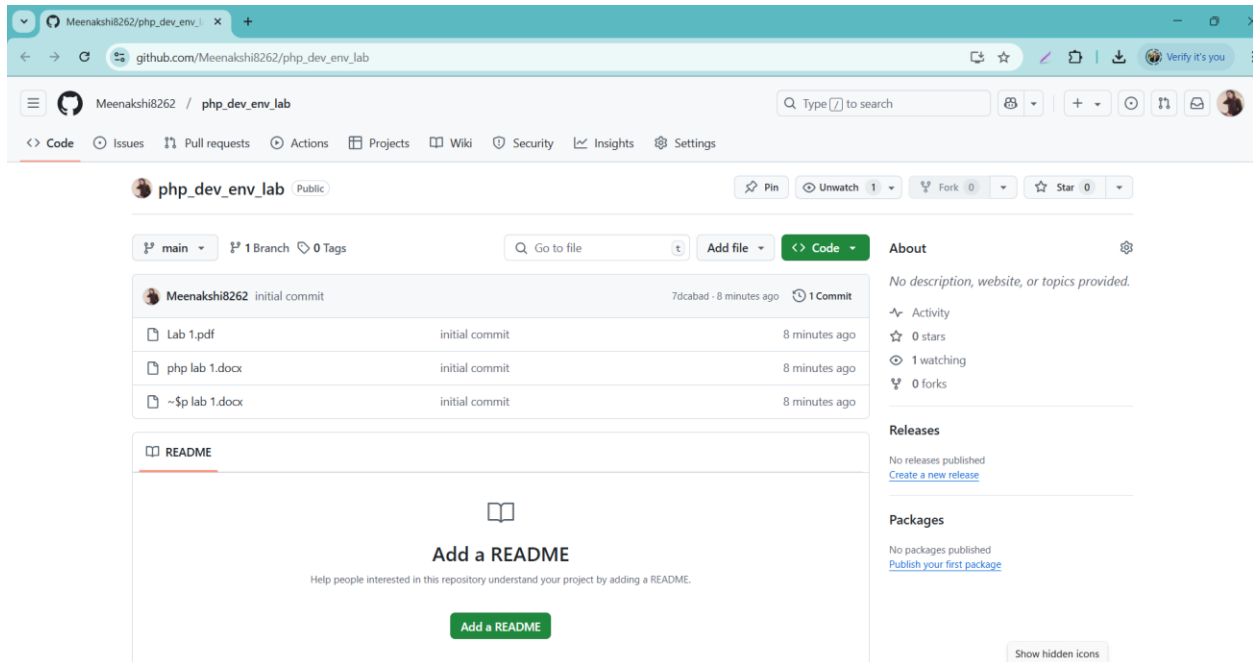
C:\Users\meena>
```

### Task5 : Install GitHub Desktop

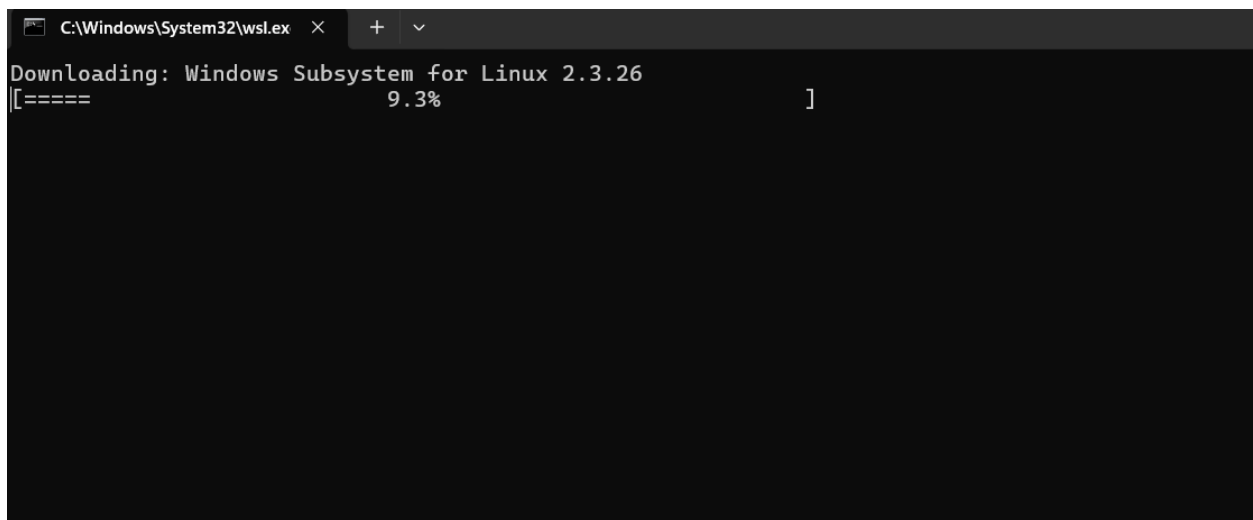


## Created the repository





## Download the windows subsystem



```

meena@AKHIL98: ~
Launching Ubuntu...
Installing, this may take a few minutes...
^[[16;42;0;1;1040;1_^[[83;31;83;0;1040;1_^[[16;42;0;0;1024;1_^[[O^[[I^[[O^[[IPlease create
The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: meena
New password:
Retype new password:
passwd: password updated successfully
Installation successful!
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 5.15.167.4-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Thu Jan 16 18:06:32 EST 2025

System load:  0.0               Processes:            69
Usage of /:   0.1% of 1006.85GB Users logged in:      0
Memory usage: 5%               IPv4 address for eth0: 172.26.24.172
Swap usage:   0%

This message is shown once a day. To disable it please create the
/home/meena/.hushlogin file.
meena@AKHIL98:~$ |

```

## Task 6: Verify Podman with a Sample Container

```

Command Prompt
C:\Users\meena>podman pull php
Resolved "php" as an alias (/etc/containers/registries.conf.d/000-shortnames.conf)
Trying to pull docker.io/library/php:latest...
Getting image source signatures
Copying blob sha256:d3c15c24cf904742de6fbbd2f1987dde6d45cad4d67429b45fd198b6dd4ddc7c
Copying blob sha256:4c89f30c478712ae860cee9bfe5d78bae21d3c99419269e9ff8104817f0974c4
Copying blob sha256:af302e5c37e9dc1dbe2eadc8f5059d82a914066b541b0d1a6daa91d0cc55057d
Copying blob sha256:456436773a52fe0b46ca007d7368ee41b7a517ccfe9e9c7bbacad681d7ab036a
Copying blob sha256:a135835ea0b9d02346a0b33e78a2d32561ca2fd1c827ae1c691a2d9ad74e9edd
Copying blob sha256:1e44d6eba7cde4268becc07fe16f9bb5c2a07a4b9cc5661d17e7f1ab3da67de6
Copying blob sha256:c55d28e37aa10b4a1b5acefc0dd3354ad91f3c3141f8d9c93d78d1a66b4c5c4d
Copying blob sha256:da7a4ed45e6058d0b8b5e0df0b6596e1a871cdcbe6adc228d29e471a2245cf4b
Copying blob sha256:87a2d425815424222de19891ace6ec7333681ea32ea9e2ce3c869e2ca95bf729
Copying config sha256:f871cbb8e4f2dfd2b1a2908bf55b7b76e08dfe0146c2b2e56446aeabc4ffb775
Writing manifest to image destination
f871cbb8e4f2dfd2b1a2908bf55b7b76e08dfe0146c2b2e56446aeabc4ffb775

C:\Users\meena>
C:\Users\meena>
C:\Users\meena>

```



```

C:\Users\meena>podman pull php
Resolved "php" as an alias (/etc/containers/registries.conf.d/000-shortnames.conf)
Trying to pull docker.io/library/php:latest...
Getting image source signatures
Copying blob sha256:d3c15c24cf904742de6fbbd2f1987dde6d45cad4d67429b45fd198b6dd4ddc7c
Copying blob sha256:4c89f30c478712ae860cee9bfe5d78bae21d3c99419269e9ff8104817f0974c4
Copying blob sha256:af302e5c37e9dc1dbe2eadc8f5059d82a914066b541b0d1a6daa91d0cc55057d
Copying blob sha256:456436773a52fe0b46ca007d7368ee41b7a517ccfe9e9c7bbacad681d7ab036a
Copying blob sha256:a135835ea0b9d02346a0b33e78a2d32561ca2fd1c827ae1c691a2d9ad74e9edd
Copying blob sha256:1e44d6eba7cde4268becc07fe16f9bb5c2a07a4b9cc5661d17e7f1ab3da67de6
Copying blob sha256:c55d28e37aa10b4a1b5acefc0dd3354ad91f3c3141f8d9c93d78d1a66b4c5c4d
Copying blob sha256:da7a4ed45e6058d0b8b5e0d40b6596e1a871cdcb6adc228d29e471a2245cf4b
Copying blob sha256:87a2d4258154222de19891ace6ec7333681ea32ea9e2ce3c869e2ca95bf729
Copying config sha256:f871cbb8e4f2dfd2b1a2908bf55b7b76e08dfe0146c2b2e56446aeabc4ffb775
Writing manifest to image destination
f871cbb8e4f2dfd2b1a2908bf55b7b76e08dfe0146c2b2e56446aeabc4ffb775

C:\Users\meena>
C:\Users\meena>
C:\Users\meena>podman run --rm -v ${PWD}:/usr/src/myapp -w /usr/src/myapp php php -r "echo 'Podman setup successful' ;"
Resolving "rm" using unqualified-search registries (/etc/containers/registries.conf.d/999-podman-machine.conf)
Trying to pull docker.io/library/rm:latest...
Error: initializing source docker://rm:latest: reading manifest latest in docker.io/library/rm: requested access to the resource is denied

C:\Users\meena>podman run --rm -v ${PWD}:/usr/src/myapp -w /usr/src/myapp php php -r "echo 'Podman setup successful' ;"
Resolving "rm" using unqualified-search registries (/etc/containers/registries.conf.d/999-podman-machine.conf)
Trying to pull docker.io/library/rm:latest...
Error: initializing source docker://rm:latest: reading manifest latest in docker.io/library/rm: requested access to the resource is denied

C:\Users\meena>podman run --rm -v %cd%:/usr/src/myapp -w /usr/src/myapp php php -r "echo 'Podman setup successful';"
Podman setup successful
C:\Users\meena>

```

## Task 7: Write and Run a "Hello World" PHP Program

The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer shows a directory named 'HTDOCS' containing two files: 'hello\_world.php' and 'info.php'. The 'hello\_world.php' file is selected, and its contents are displayed in the code editor. The code is a simple PHP script that echoes 'hello world!'.

```

1  <?php
2  echo "hello world!";
3  ?>

```

Output:



localhost/hello\_world.php.

hello world!