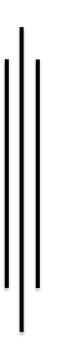
Component 1

Development Environments, Version Control, OOP



Submitted by: Barsha Maharjan Submitted to: Pratik Sir.

Level: 6 'A'

Advanced Wed Engineering

Development Environments

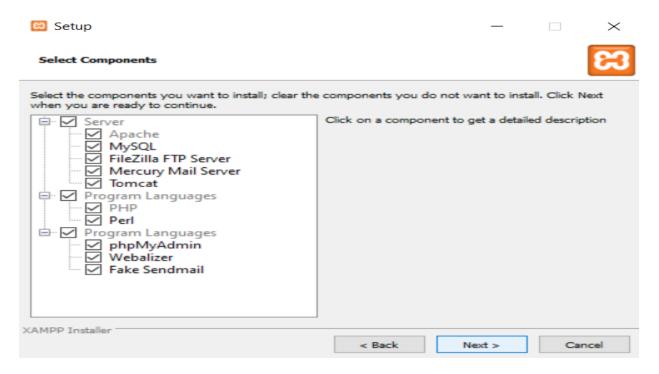
XAMPP setup

Here, is the stepwise process of installing the XAMPP

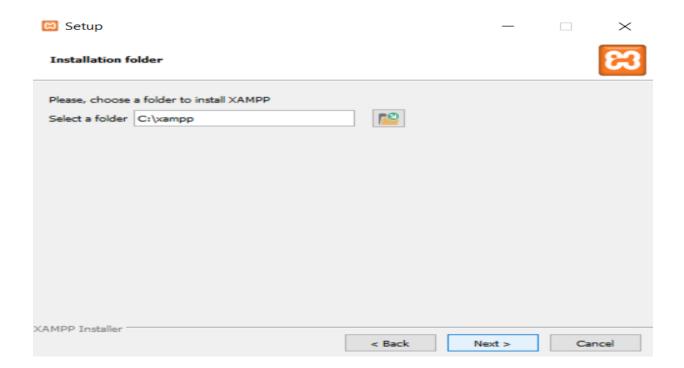
- 1. Go for the link https://www.apachefriends.org/download.html
- 2. Then choose the version of XAMPP according to our need.
- 3. Click for installing the XAMPP.



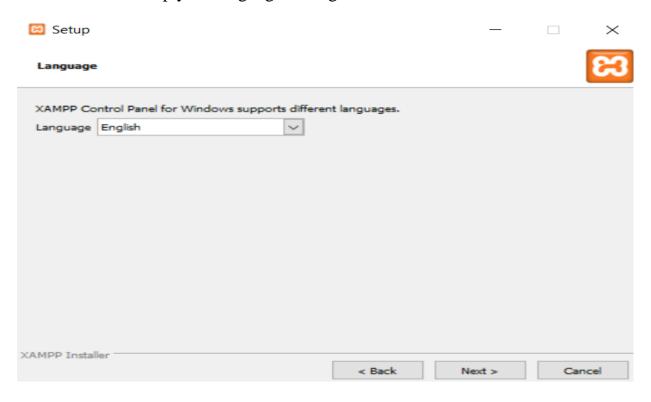
4. Default set up for XAMPP. Then click Next.



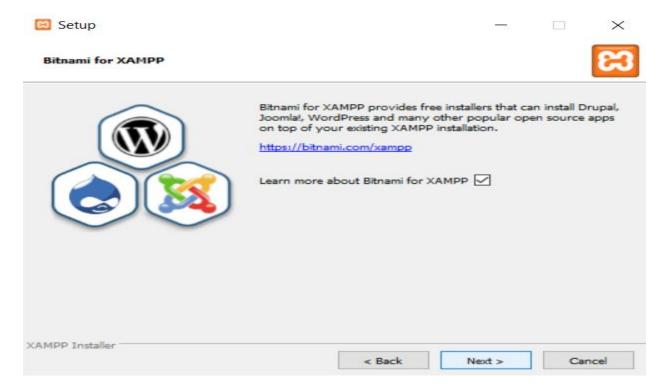
5. Set up your XAMPP in your drive C or can do according to your choice. Click Next for further process.



6. Need to set up your language as English.

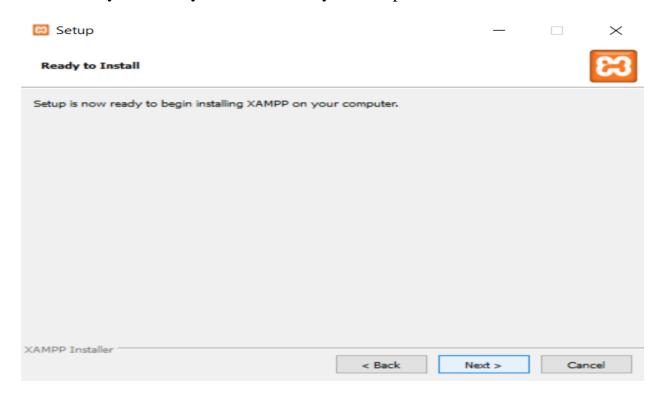


7. Setup process of XAMPP where you have got default Bitnami for XAMPP.



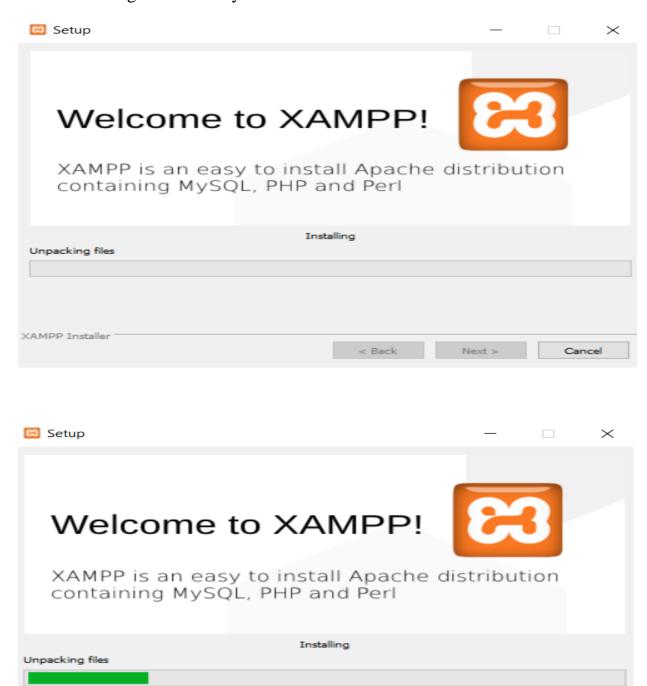


8. Ready to install your XAMPP on your computer.



9. Installing the necessary file for XAMPP.

KAMPP Installer

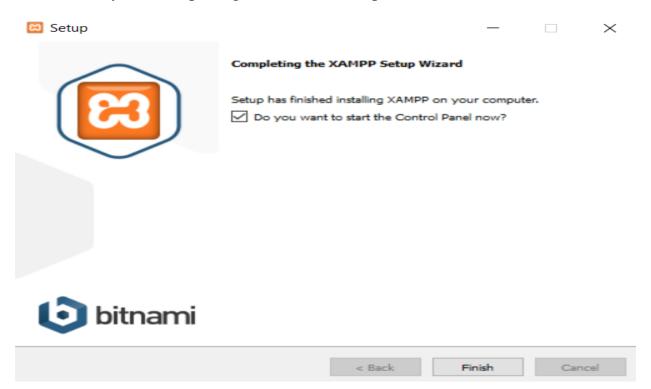


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Next >

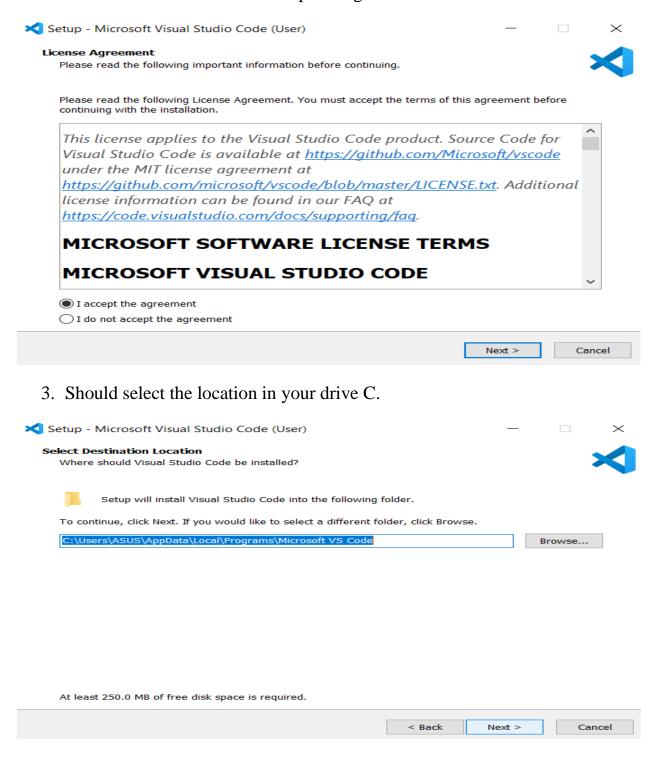
Cancel

10. Finally, the completing the XAMPP setup.

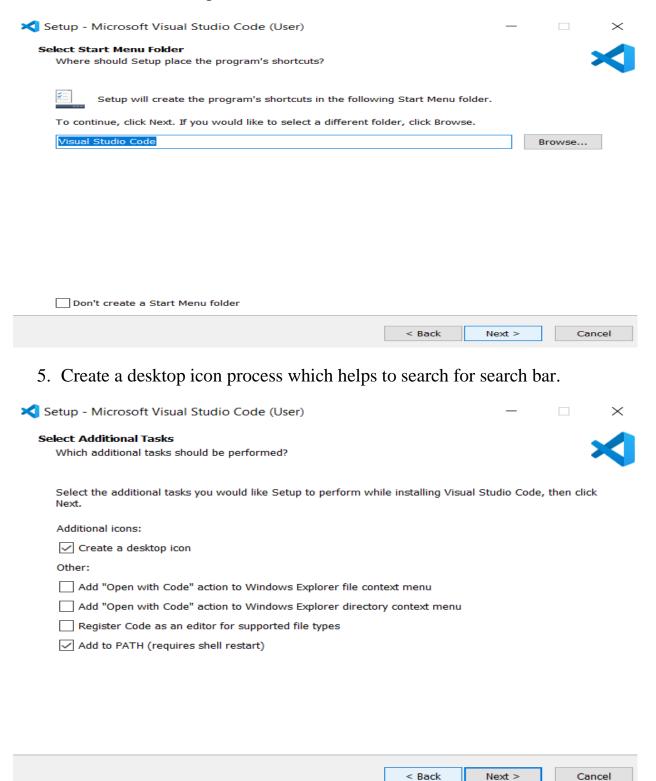


VS code (Visual Studio Code) setup

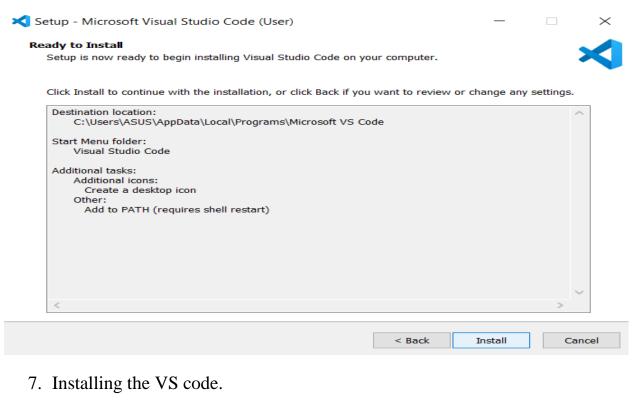
- 1. Go for the link https://code.visualstudio.com/download in order to download the VS code.
- 2. First and foremost need to accept the agreement. Click Next.



4. Create the shortcut process.



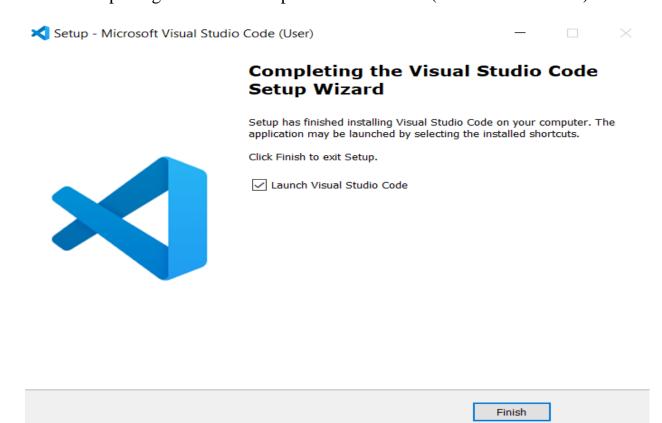
6. Ready to install the VS code.





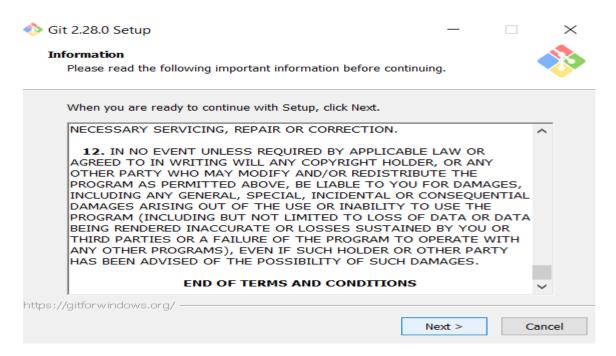
Cancel

8. Completing the installation process of VS code (Visual Studio Code).

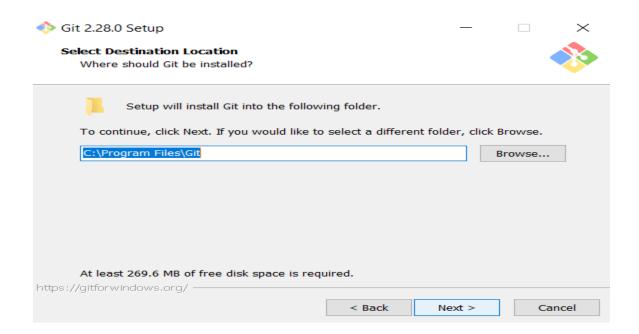


Git Hub set up

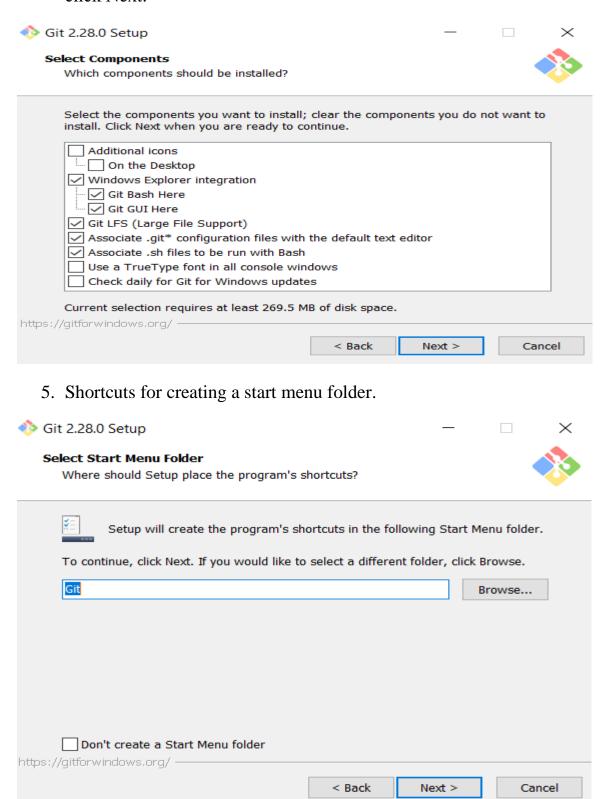
- 1. Go for the link https://git-scm.com/downloads
- 2. Then you will get the dialogue box of information as below for the further process to set up the github. Click Next.



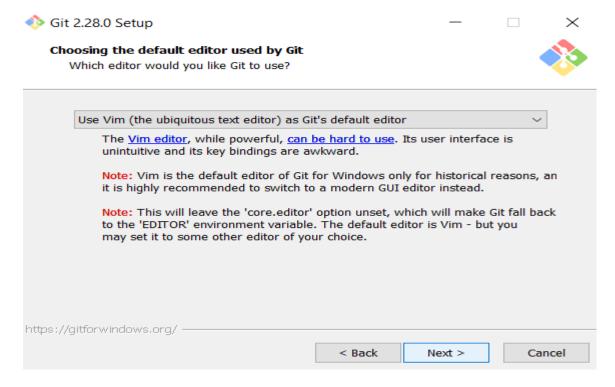
3. Choose your path or location drive C for installation.



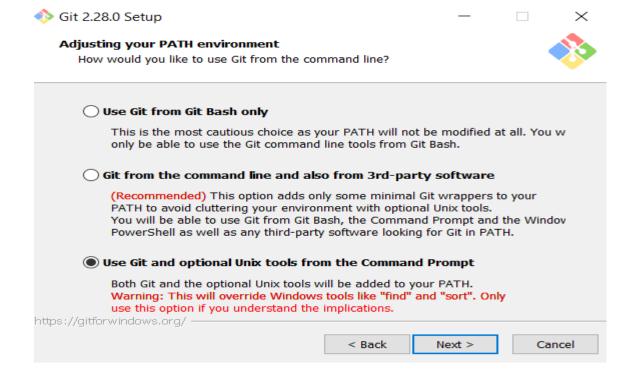
4. Should select the components which you want to install or set as default and click Next.



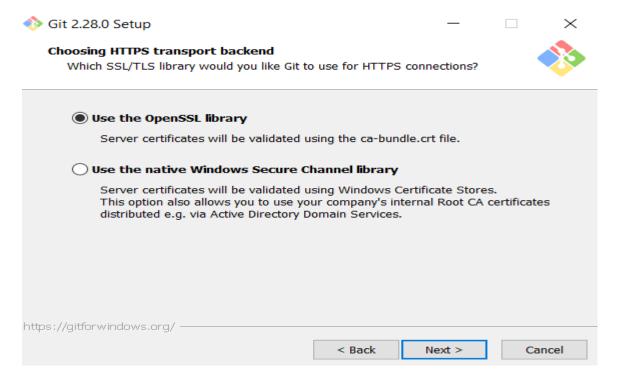
6. Set up process foe choosing the default editor used by git.



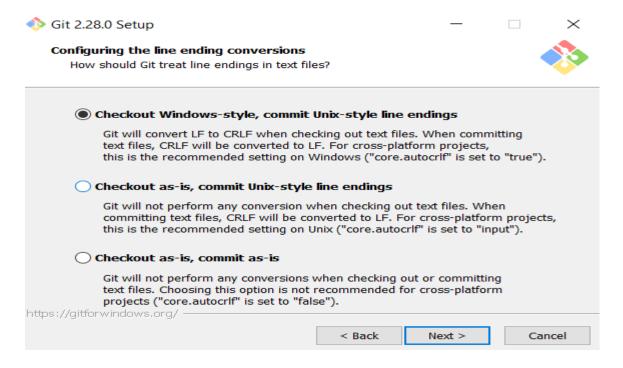
7. This help you to adjusting the path of your environment so need choose as the use Git and optional Unix tools from the command prompt. Click Next after ticking the process.



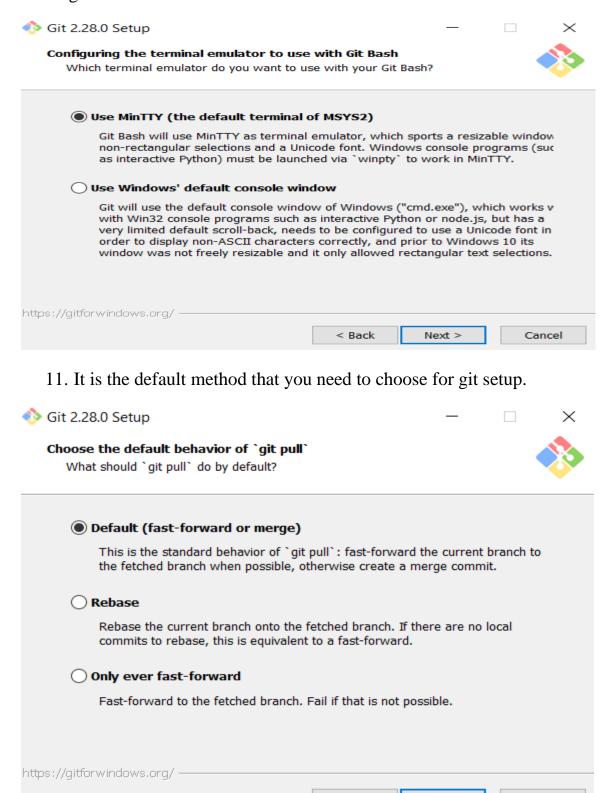
8. Your need to choose use the OpenSSL library for HTTPS transport backend.



9. The configuring process when you need to tick on checkout window style, commit Unix-style line endings.



10. Need to tick at the use MinTTY (MSYS2) for further process to set up the git.

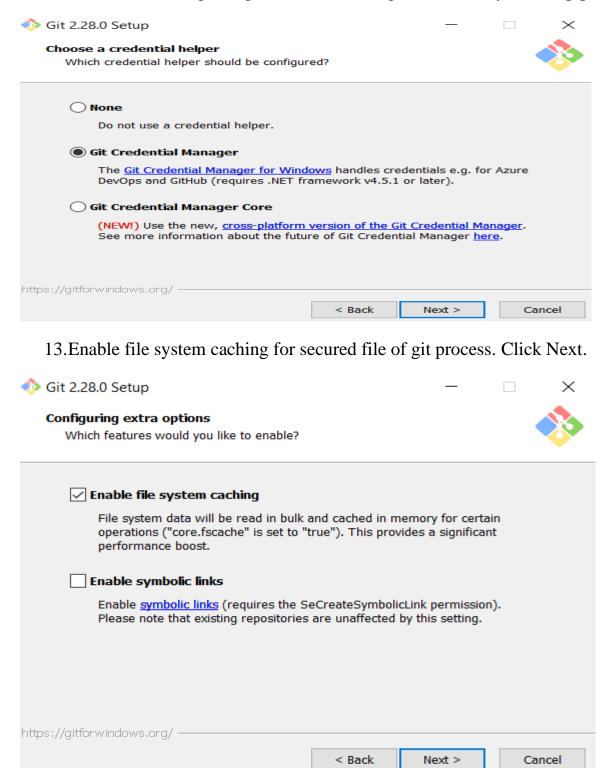


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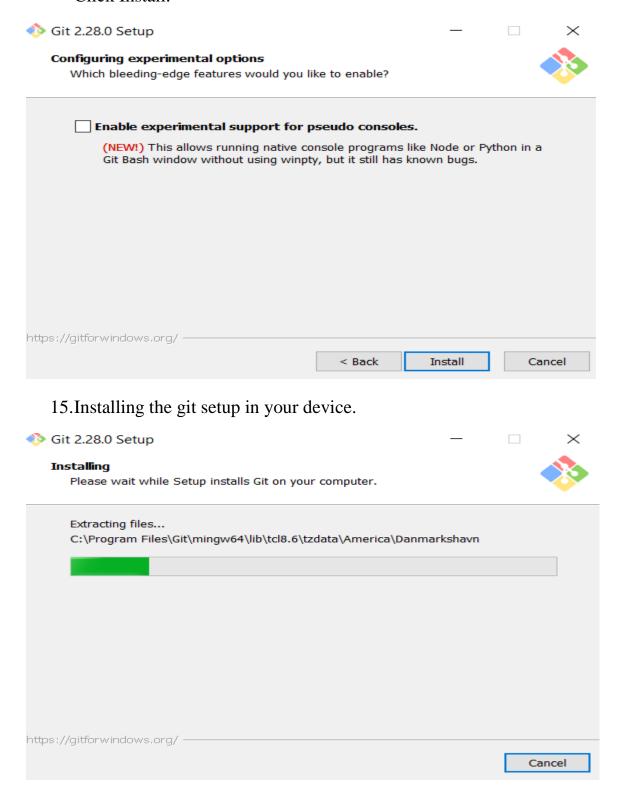
Next >

Cancel

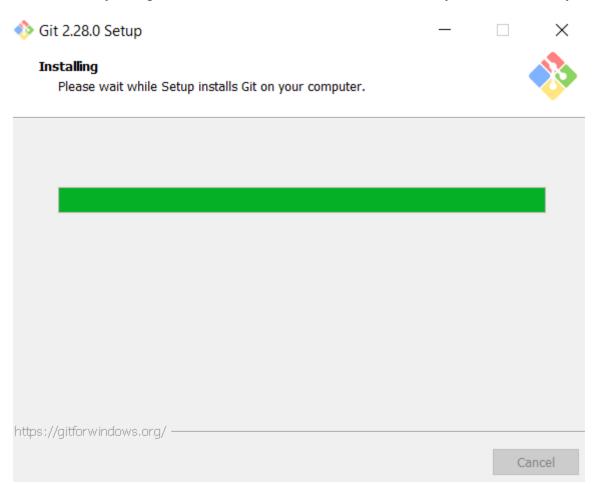
12. For further configured git credential manager is necessary for setup process.



14. Ready for the ongoing installing process by following step wise methods. Click Install.

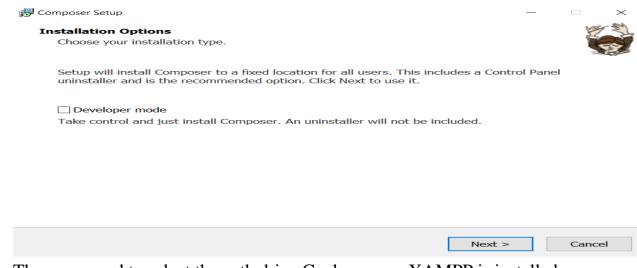


16. Finally the git hub is installed and in litter moment you will be ready to use.

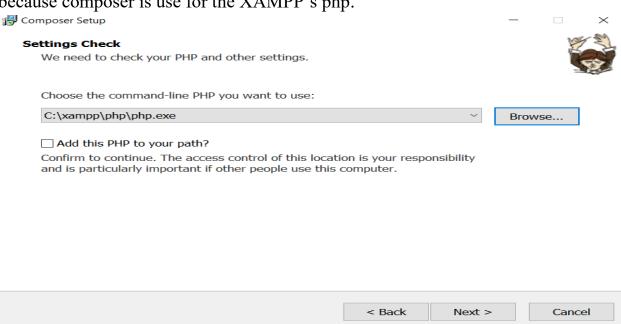


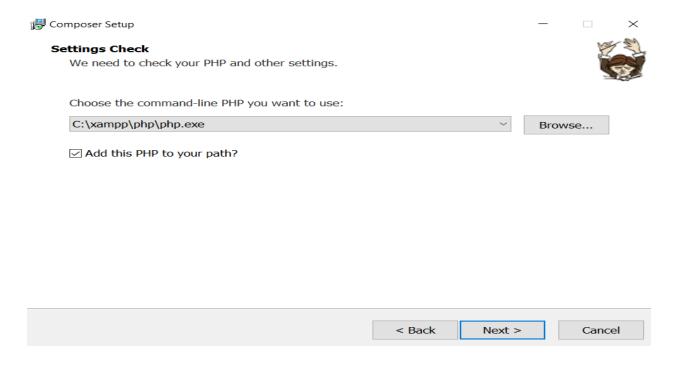
Composer set up

- 1. Go for the link https://getcomposer.org/download/ to download the composer in your device.
- 2. https://getcomposer.org/doc/00-intro.md a guide link to use the composer after you installs.
- 3. After clicking the given link of composer you can see the installation option. Click Next.

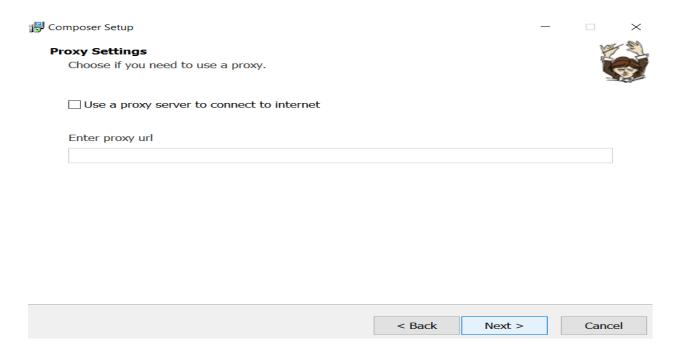


4. Then you need to select the path drive C where your XAMPP is installed because composer is use for the XAMPP's php.

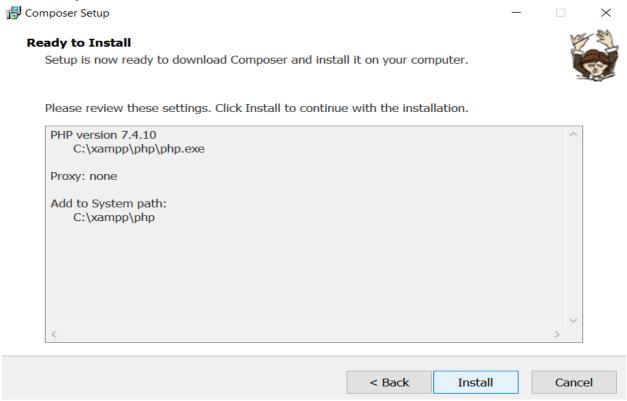




5. No need to select then Proxy setting. Click Next.



6. Now ready for installation. Click Next.



7. By following the step you will be able download the composer.



8. Click Next for ongoing process of downloading.



Please read the following information before continuing.



Important

You must open a new command window to use Composer for the first time, because your environment has changed and running programs may not be aware of this.

If this does not work, you will have to do one of the following:

- Close all File Explorer windows, then open a new command window. OR
- Logoff and Logon again, then open a new command window.

As a last resort, you may need to restart your computer.

Next >

9. You will be completing the installation of composer.



Completing Composer Setup

Setup has installed Composer on your computer.
Usage: Open a command window and type "composer"

Click Finish to exit Setup.

☐ View online documentation



< Back

Finish

10. After finishing your installation process you need run the command in command prompt in order to check whether your composer is installed or not. So command goes (C:\User\ASUS>composer) then you will see the command running as shown below the screenshot.

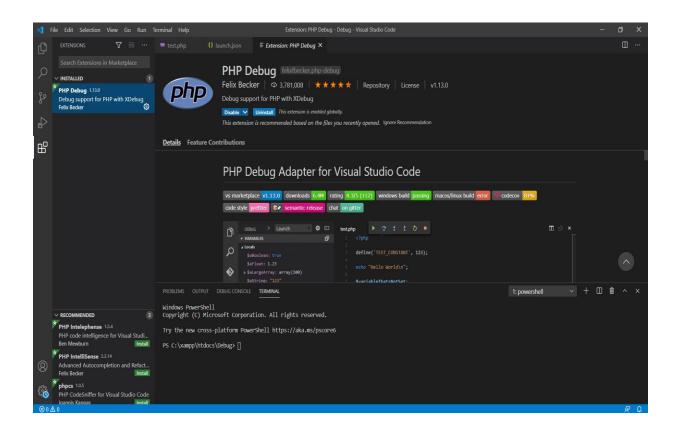


```
Manifest comments
boot sources
boot critical comments
boot critical comments
boot critical comments
boot critical critic
```

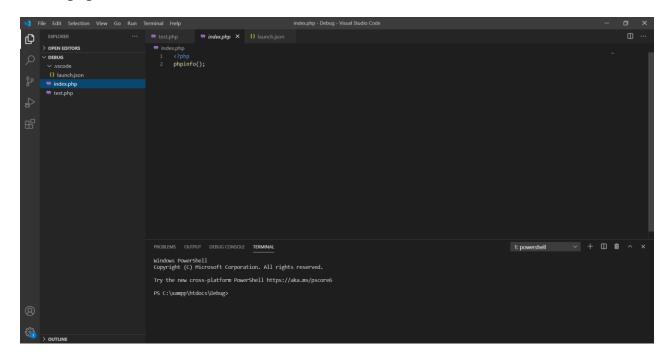
Debugging tools

In our debugging tools we have use xdebug. Here, are some step to install the xdebug. Frist and foremost we need visual studio code(vs code), sublime text or any which is appropriate for you.

- 1. Firstly go for the link https://xdebug.org/download download any version that you get for setup process.
- 2. Open your vs code go for extension menu search php debug and install.



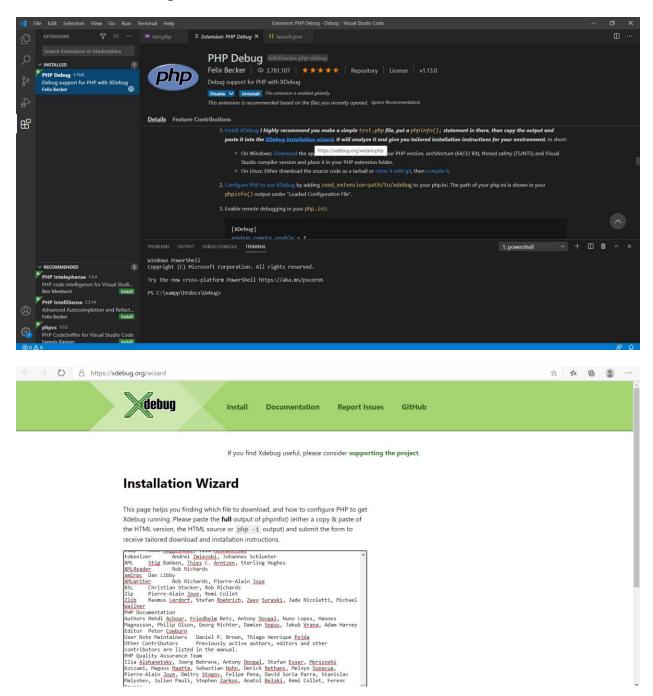
3. After installing your php debug you need to write the code in vs code for php version.



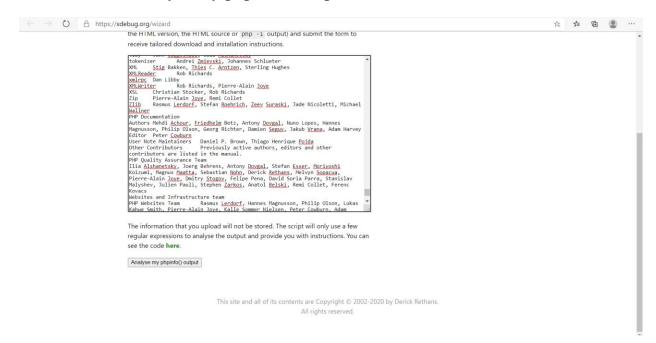
4. By starting you xampp you will get the page loaded with PHP Version 7.4.10.



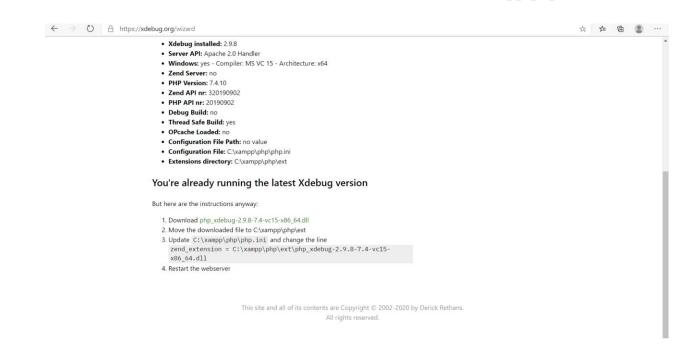
5. Then go for PHP Debug installation page where you need to open the link called XDebug installation wizard. After opening the link you will get the page Installation wizard where you need to copy all the PHP Version 7.4.10 as soon on step 4.



6. Click to Analyse my phpinfo() output.



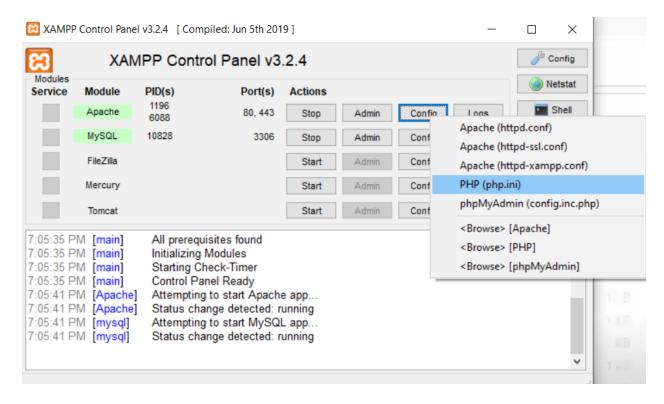
7. After that you get the page when you need to download php_xdebug-2.9.8-7.4-vc15-x86_64.dll and move the downloaded file to C:\xampp\php\ext.



8. Update C:\xampp\php\ini and change the line zend_extension = C:\xampp\php\ext\php_xdebug-2.9.8-7.4-vc15-x86_64.dll [XDebug] xdebug.remote_enable = 1

Finally start and stop your xampp apache

 $xdebug.remote_autostart = 1$



9. Restart the webserver.

OOP

The given below is the output screenshot of given OOP tasks.

