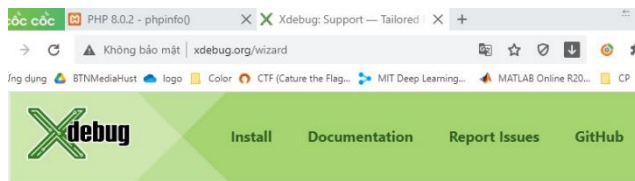# Set Up Debug for PHP

1. Install Xdebug

- Step1: Create HelloWorld.php file in the file: **C:\xampp\htdocs**
- Step2: Using VS code to open HelloWorld.php
- Step3:

- Step4: Open link: http://localhost/HelloWorld.php
  Copy everthing.
- Step5: Open link: http://xdebug.org/wizard
  Paste

Click **Anlyse my phpinfo() output**

=>

Installation Wizard

Summary

- **Xdebug installed:** no
- **Server API:** Apache 2.0 Handler
- **Windows:** yes
- **Compiler:** MS VS16
- **Architecture:** x64
- **Zend Server:** no
- **PHP Version:** 8.0.2
- **Zend API nr:** 420200930
- **PHP API nr:** 20200930
- **Debug Build:** no
- **Thread Safe Build:** yes
- **OPcache Loaded:** no
- **Configuration File Path:** no value
- **Configuration File:** C:\xampp\php\php.ini
- **Extensions directory:** C:\xampp\php\ext

Instructions

1. Download php_xdebug-3.0.3-8.0-vs16-x86_64.dll
2. Move the downloaded file to C:\xampp\php\ext
3. Edit C:\xampp\php\php.ini and add the line
   zend_extension = C:\xampp\php\ext\php_xdebug-3.0.3-8.0-vs16-x86_64.dll
4. Restart the webserver

Set Up Debug for PHP

- Step6: Download and do the Instructions

Instructions

1. Download php_xdebug-3.0.3-8.0-vs16-x86_64.dll
2. Move the downloaded file to C:\xampp\php\ext
3. Edit `C:\xampp\php\php.ini` and add the line
   `zend_extension = C:\xampp\php\ext\php_xdebug-3.0.3-8.0-vs16-x86_64.dll`
4. Restart the webserver

- Step7: Rename this file to **php_xdebug.dll**
- Step8: Open **C:\xampp\php\php.ini**. Add the following text below to the end of this file.

  ```
  [XDebug]
  xdebug.mode = debug
  xdebug.start_with_request = yes
  xdebug.client_port = 9000
  zend_extension="C:\xampp\php\ext\php_xdebug.dll"
  ```
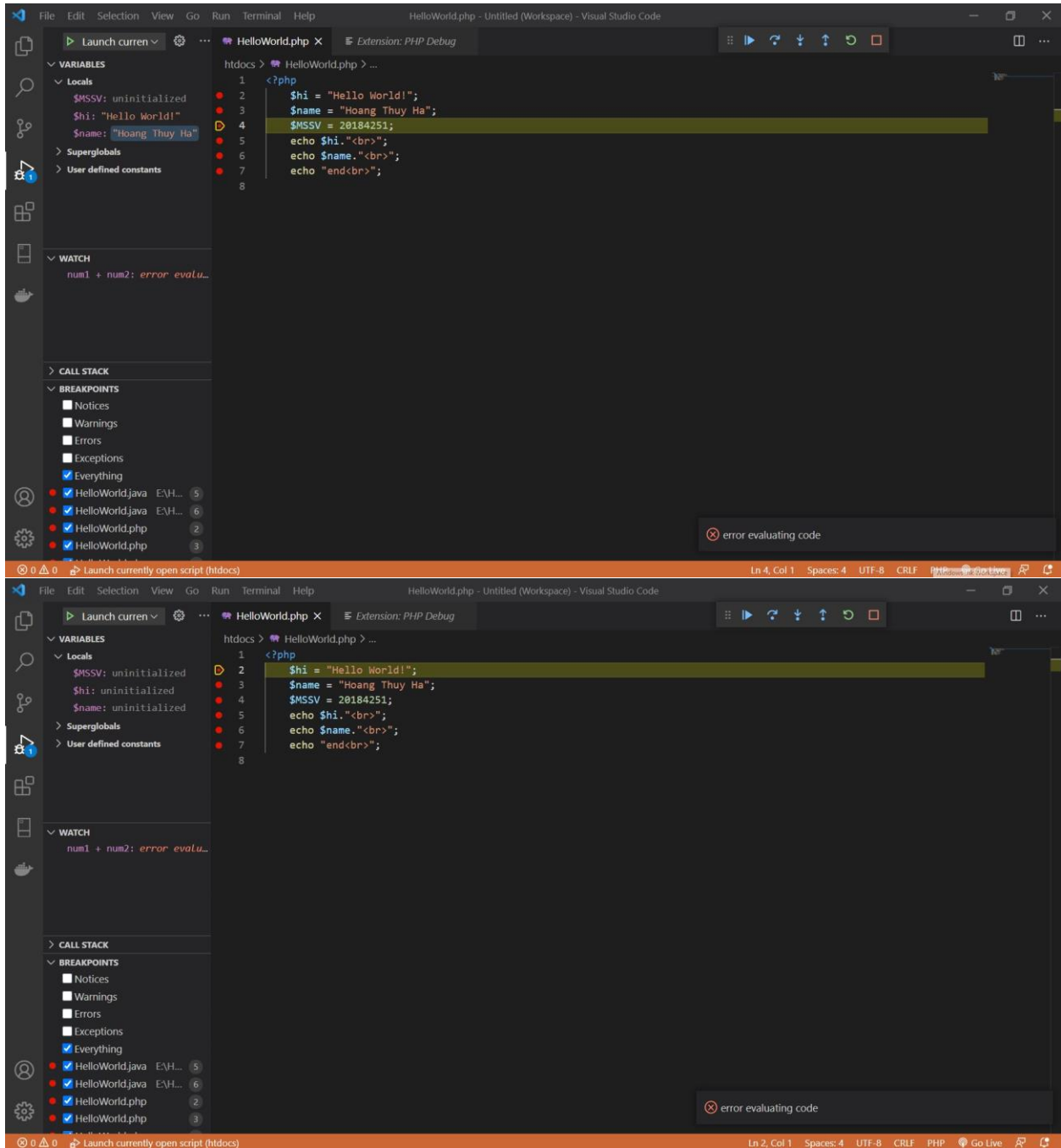
- Step9: Restart xampp

2. Debug in Visual Studio Code (VS code)
- Step10: Install Extensions: `PHP Debug`

Then everything's done.

Set Up Debug for PHP

3. Source

https://www.youtube.com/watch?v=LNIvugvmCyQ&t=9s