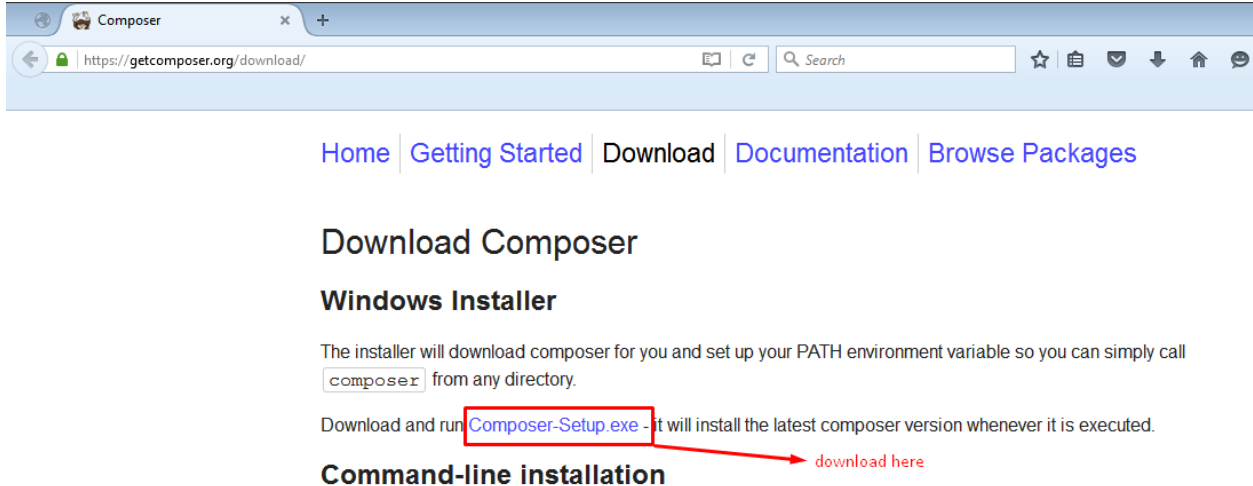


## Composer tools ব্যবহার করে class কে automatic include করা

Composer tools ব্যবহার করে class কে automatic included করার জন্য প্রথমে composer install করতে হবে। <https://getcomposer.org/download/> এই লিংকে থেকে composer download করতে হবে।



Composer installation complete হলে command mode `composer` লিখে enter press করলে নিচের মত আসবে তাহলে বুঝতে পারব composer ঠিক মত কাজ করবে।

```
C:\Windows\system32\cmd.exe
E:\wamp\www\mx_practise\composer>composer
You are running composer with xdebug enabled. This has a major impact on runtime
performance. See https://getcomposer.org/xdebug

Composer version 1.0-dev (070ee506937170bb81a2e352aa444eaf29f0a2f6) 2016-02-28 1
4:08:43

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display this help message
  -q, --quiet               Do not output any message
  -U, --version             Display this application version
  --ansi                   Force ANSI output
  --no-ansi                Disable ANSI output
  -n, --no-interaction      Do not ask any interactive question
  --profile                Display timing and memory usage information
  -d, --working-dir=WORKING-DIR If specified, use the given directory as workin
g directory.
  -vvvv, --verbose          Increase the verbosity of messages: 1 for norma
l output, 2 for more verbose output and 3 for debug

Available commands:
  about                    Short information about Composer
  archive                 Create an archive of this composer package
  browse                  Opens the package's repository URL or homepage in your browser
  clear-cache              Clears composer's internal package cache.
  clearcache              Clears composer's internal package cache.
  config                  Set config options
  create-project           Create new project from a package into given directory.
  depends                 Shows which packages cause the given package to be installed
  diagnose                Diagnoses the system to identify common errors.
  dump-autoload            Dumps the autoloader
  dumpautoload            Dumps the autoloader
  exec                    Execute a vendored binary/script
  global                  Allows running commands in the global composer dir <$COMPOSER_
HOME>.
  help                    Displays help for a command
  home                    Opens the package's repository URL or homepage in your browser
  info                    Show information about packages
  init                    Creates a basic composer.json file in current directory.
  install                 Installs the project dependencies from the composer.lock file
if present, or falls back on the composer.json.
  licenses                Show information about licenses of dependencies
  list                    Lists commands
  prohibits               Shows which packages prevent the given package from being inst
alled
  remove                 Removes a package from the require or require-dev
```

The screenshot shows the Notepad++ editor with the file `composer.json` open. The file content is as follows:

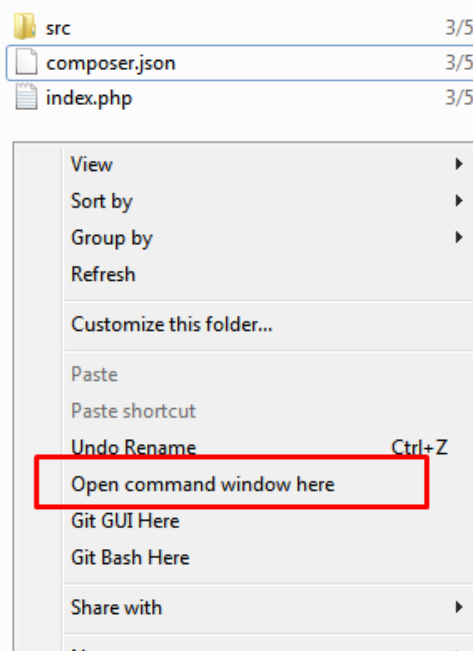
```

1 {
2     "autoload": {
3         "psr-4": {
4             "Mynamespace\\": "src"
5         }
6     }
7 }

```

Red arrows and boxes highlight the structure:

- A red box labeled "Namespace Name" points to the string `"Mynamespace\\"` in the JSON.
- A red box labeled "Folder Name" points to the string `"src"` in the JSON.

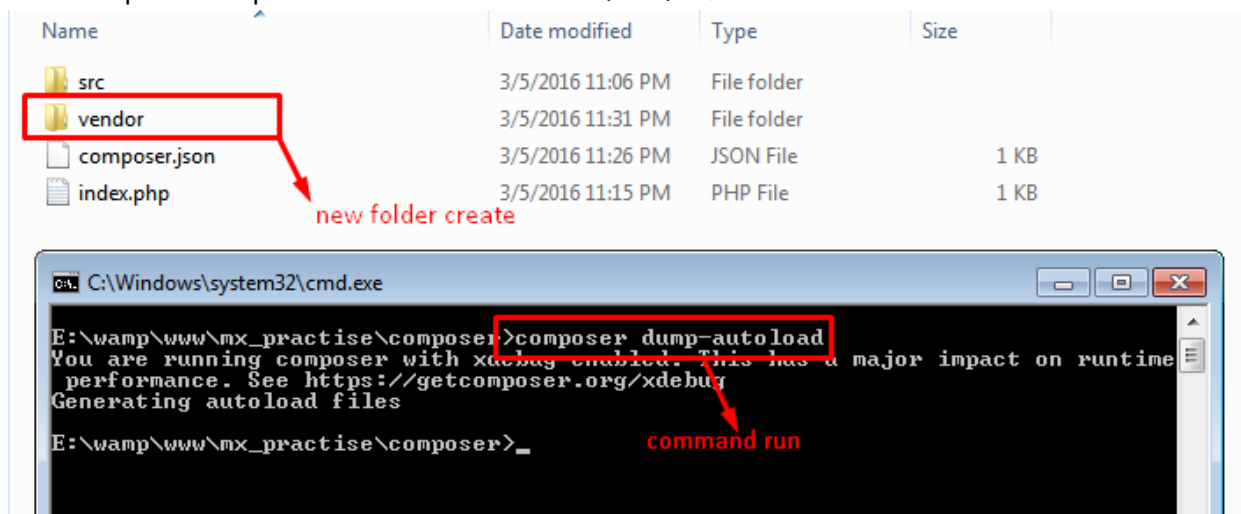


The screenshot shows a file explorer window with a top bar containing 'File in library', 'Share with', 'Burn', and 'New folder'. Below this is a table with two columns: 'Name' and 'Date modified'. The table lists a folder 'src' and two files, 'composer.json' and 'index.php', all with a date of '3/5/2016 1:'. A right-click context menu is open over the 'composer.json' file. The menu items are: 'View', 'Sort by', 'Group by', 'Refresh', 'Customize this folder...', 'Paste', 'Paste shortcut', 'Undo Rename' (with 'Ctrl+Z' next to it), 'Open command window here' (highlighted with a red rectangle), 'Git GUI Here', 'Git Bash Here', 'Share with', 'New', and 'Properties'.

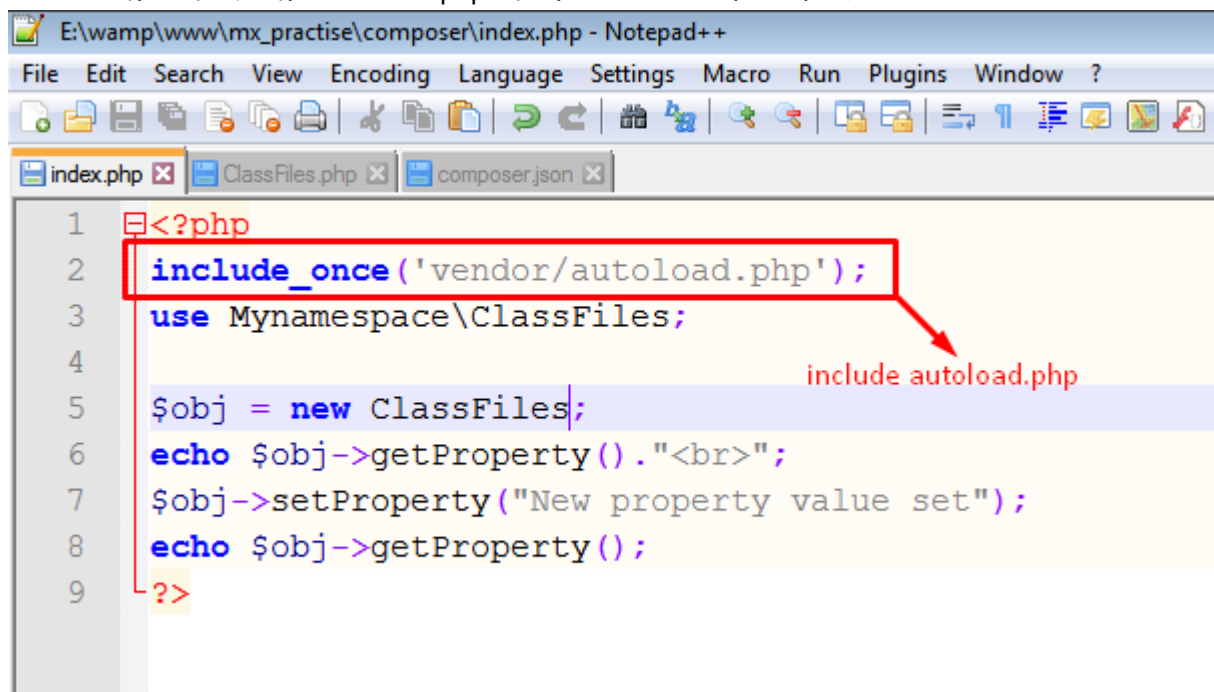
Name	Date modified
src	3/5/2016 1:
composer.json	3/5/2016 1:
index.php	3/5/2016 1:

- View
- Sort by
- Group by
- Refresh
- Customize this folder...
- Paste
- Paste shortcut
- Undo Rename Ctrl+Z
- Open command window here
- Git GUI Here
- Git Bash Here
- Share with
- New
- Properties

এখন composer dump-autoload command run করতে হবে ।



তারপর root এ একটা vendor নামে folder হবে এবং উক্ত folder এর মধ্যে যে autoload.php ফাইল আছে সেই ফাইলটা আমাদের index.php তে ব্যবহার করতে হবে । অর্থাৎ আমাদের যেখানে class file গুলোকে access করতে চাই সেখানে autoload.php ফাইলকে include করলেই হবে ।



Note: নতুন করে কোন class file বানালে “composer dump-autoload” command টি run করে নিতে হয় ।