



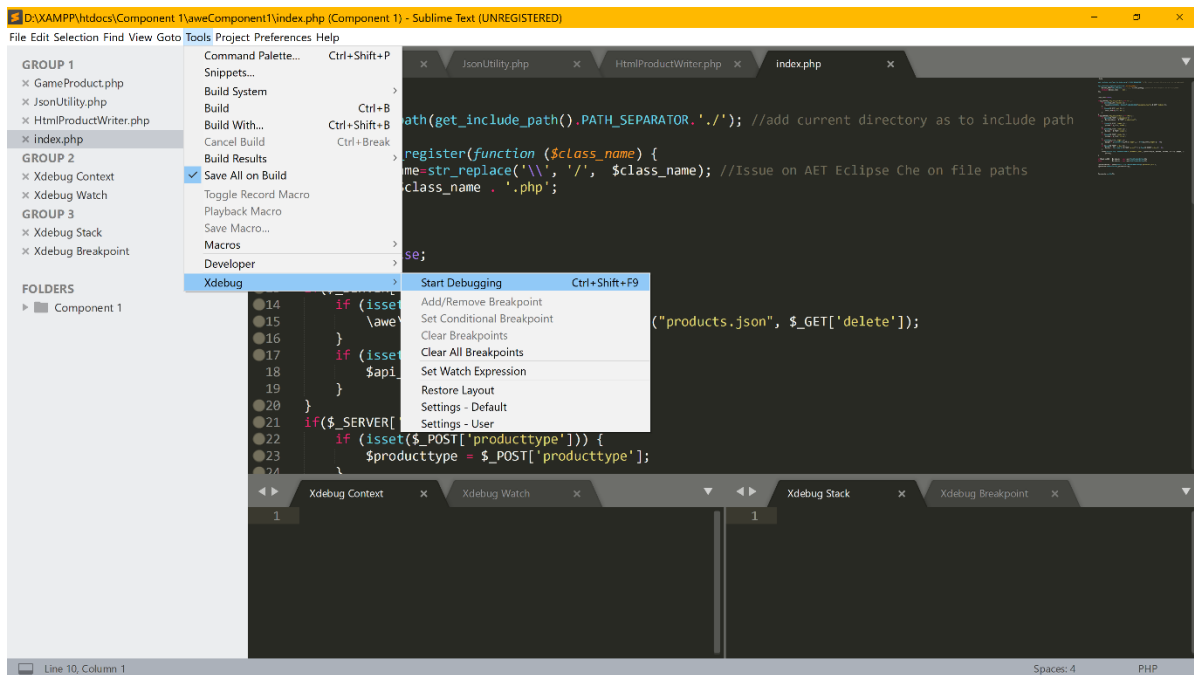
The British College
KATHMANDU



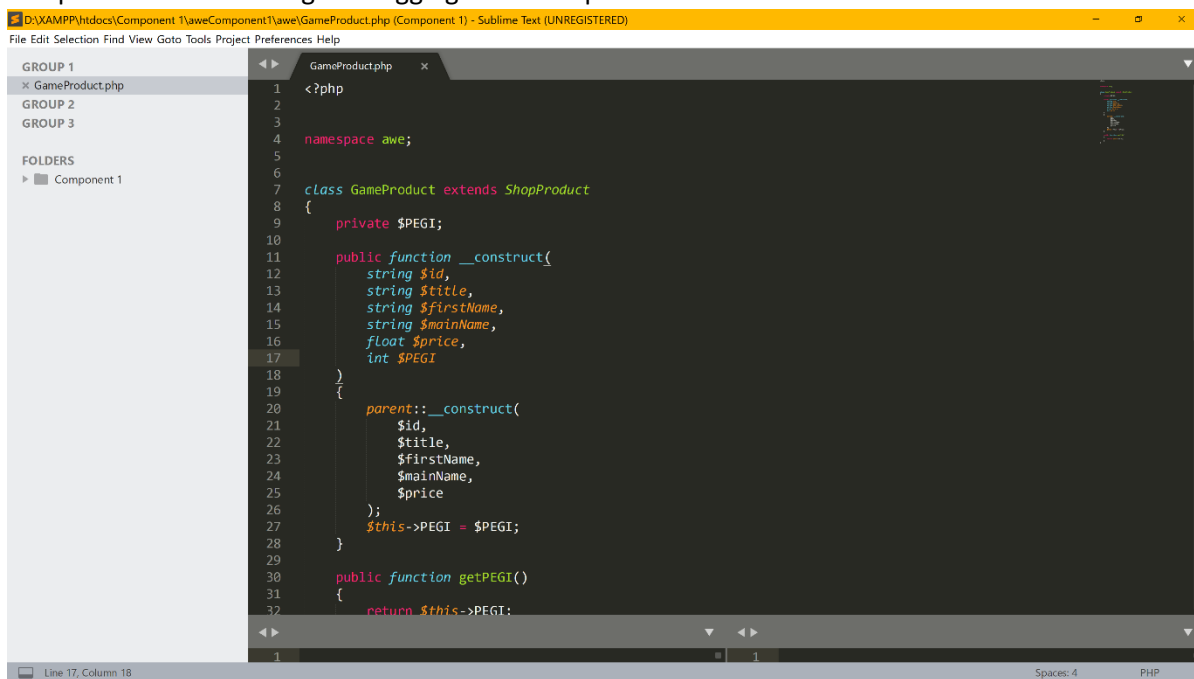
Name: Devansh Agarwal

University ID: c7202298

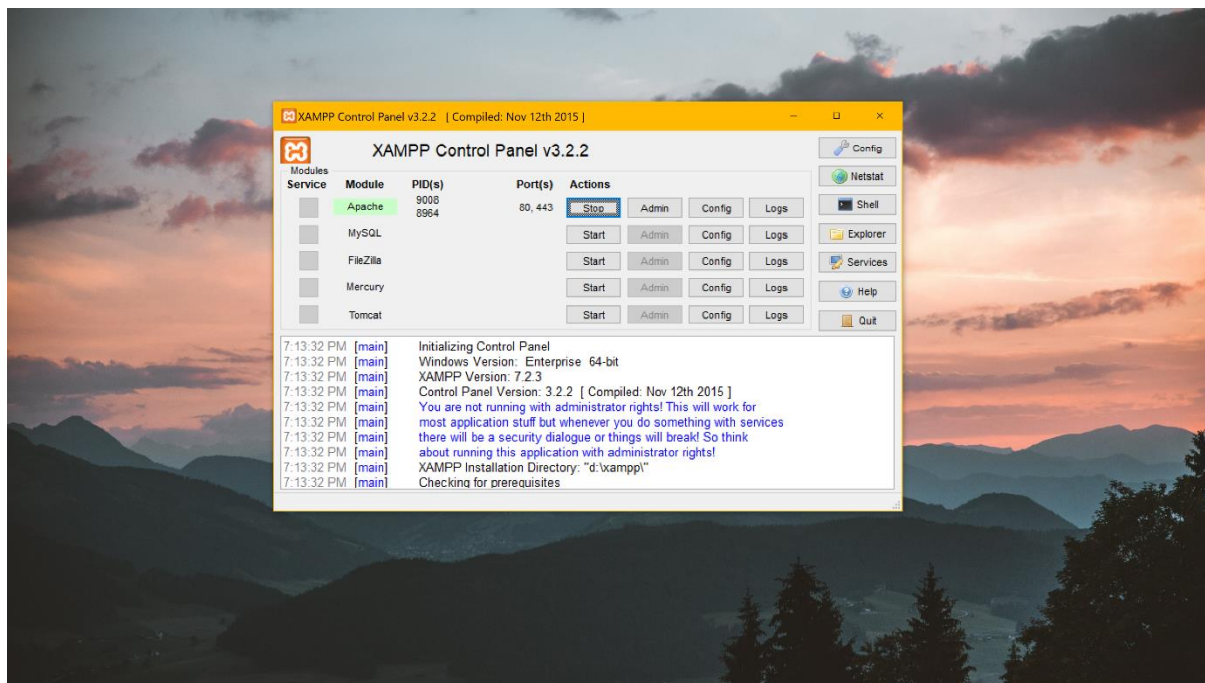
Advanced Web Engineering



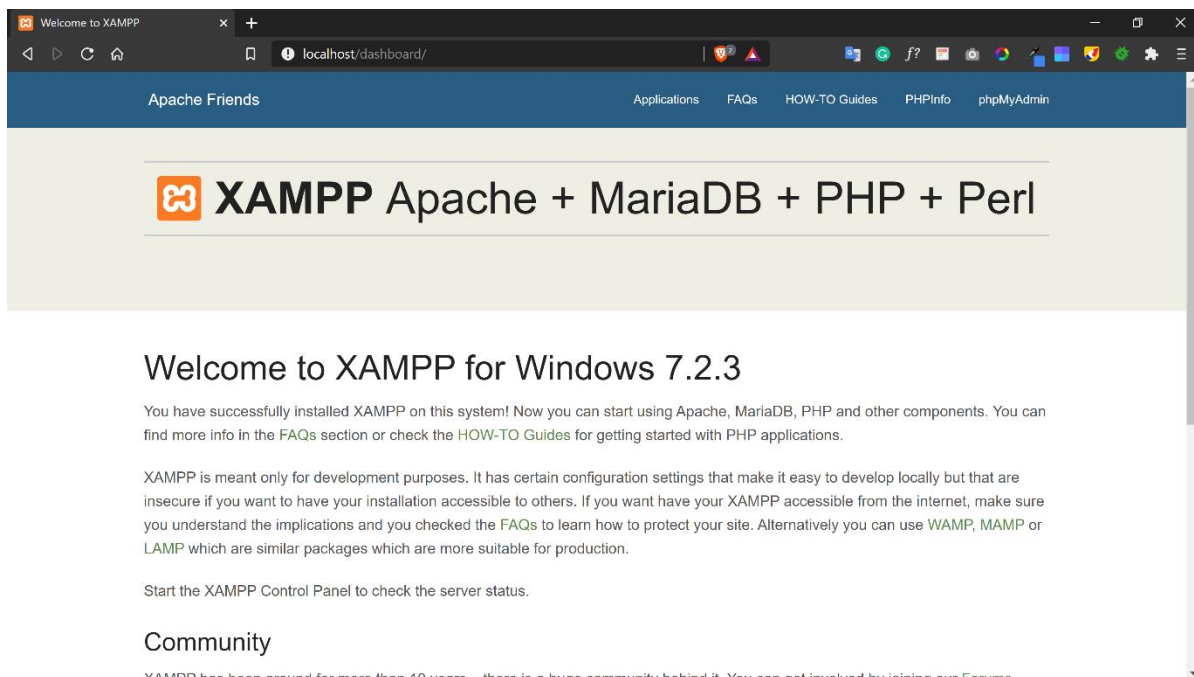
In the above picture you can see that XDebug is install in the IDE I prefer using which is Sublime Text. The process was installing xdebugging tool from preferences.



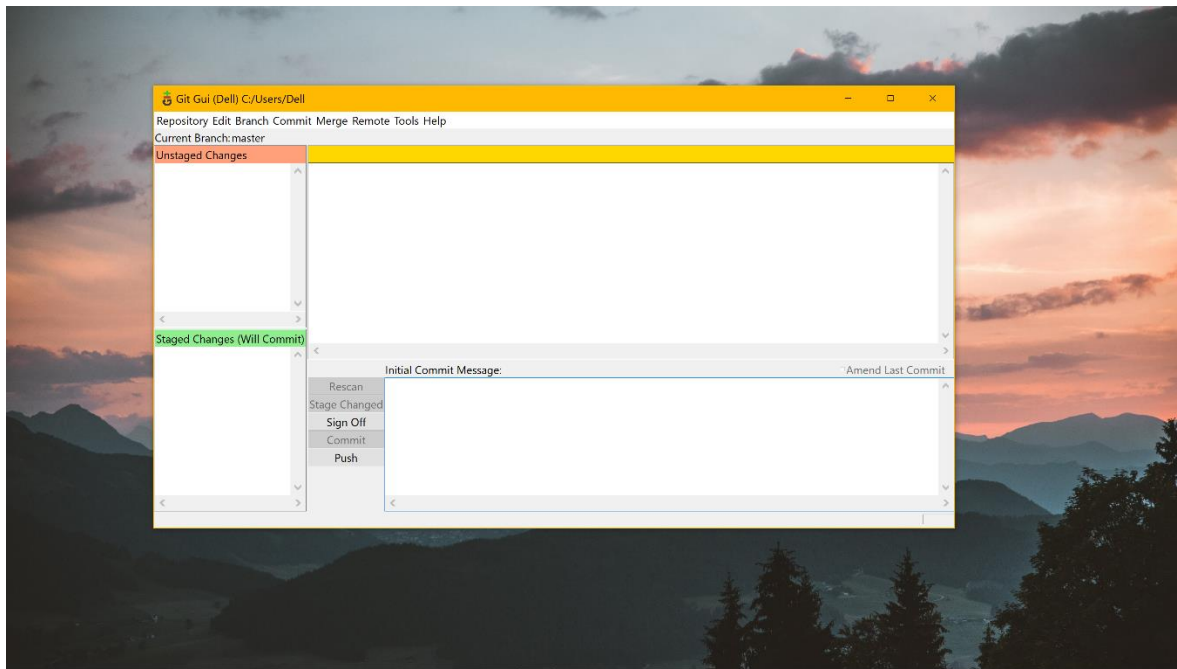
In the above picture you can see that Sublime text the IDE of my choice is installed and is working properly.



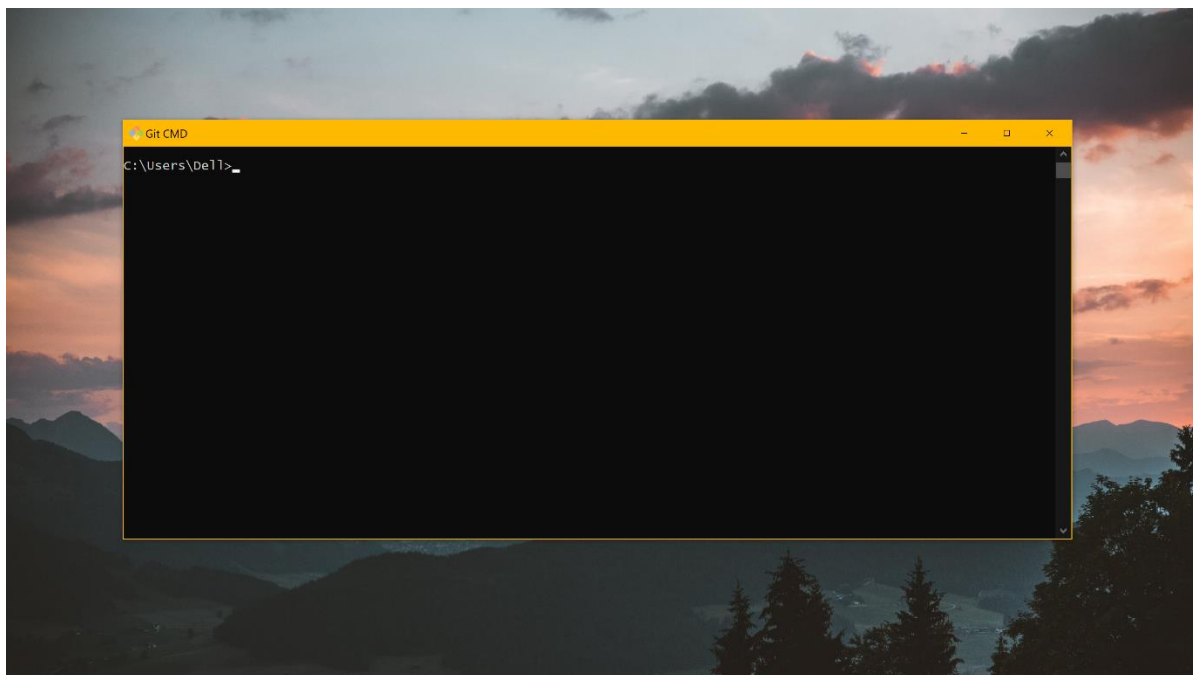
XAMPP control panel is installed and is working. Apache server is active and the ports are working good as asked in the requirement.



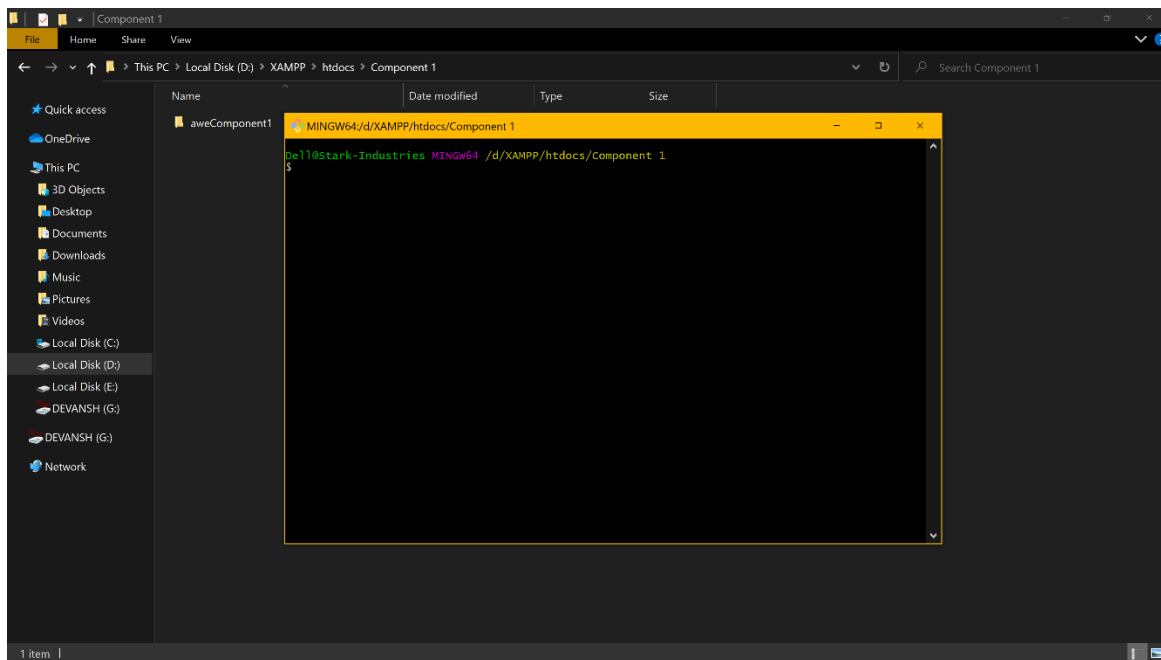
Localhost server is fully functional after the apache server is turned in from XAMPP control Panel. As you can notice the XAMPP default dashboard is working and is accessible.



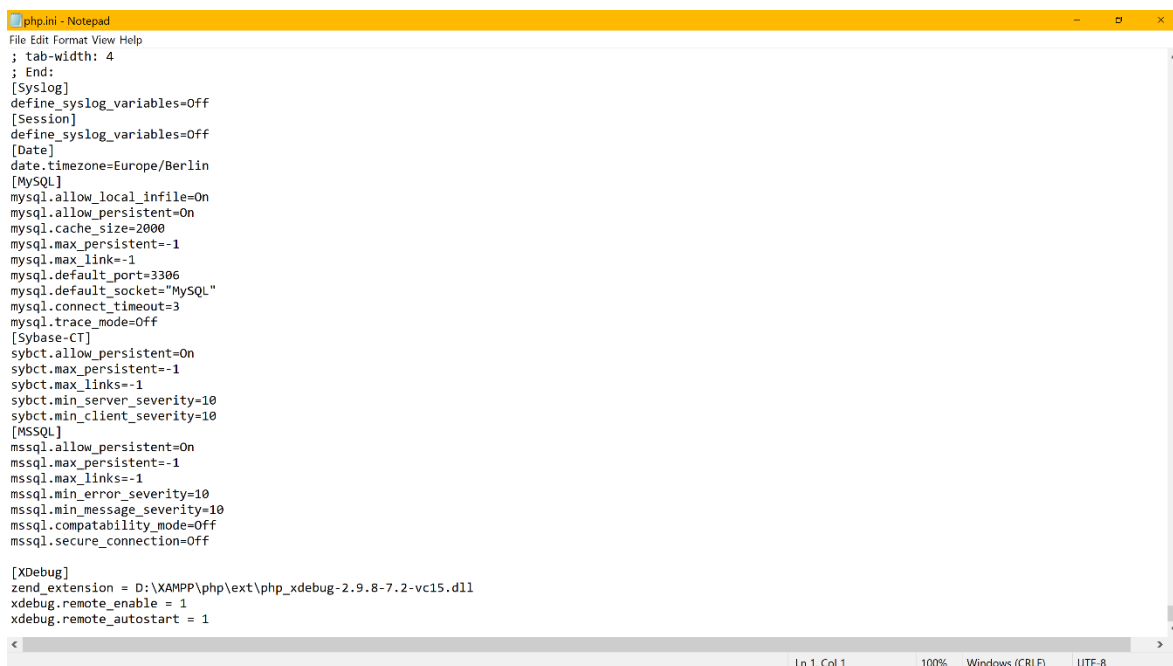
After Installing git to your PC, You can see we get multiple programs and feature which makes easier for us to use git. The above picture contains of the program Git GUI.



Not only Git GUI but you even get access to Git CMD and in the above picture you can see that it is in proper working condition.



Even Git bash is working fine as expected after the installation of git was done. All the files were added, clones, commit and pushed from git bash.



XDebug code edited in php.ini file inside xampp to do code debugging configuration successfully.

```
MINGW64/d/XAMPP/htdocs/Component 1/Componentet 1
Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1
$ git init
Initialized empty Git repository in D:/XAMPP/htdocs/Component 1/Componentet 1/.git/

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git add .

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   awe/BookProduct.php
        new file:   awe/CdProduct.php
        new file:   awe/GameProduct.php
        new file:   awe/HtmlProductWriter.php
        new file:   awe/JsonProductWriter.php
        new file:   awe/JsonUtility.php
        new file:   awe/ShopProduct.php
        new file:   awe/ShopProductWriter.php
        new file:   css/styles.css
        new file:   index.php
        new file:   products-backup.json
        new file:   products.json

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git commit -m'Component 1 task 1'
[master (root-commit) 89d4c8a] Component 1 task 1
12 files changed, 621 insertions(+)
create mode 100644 awe/BookProduct.php
create mode 100644 awe/CdProduct.php
create mode 100644 awe/GameProduct.php
create mode 100644 awe/HtmlProductWriter.php
create mode 100644 awe/JsonProductWriter.php
create mode 100644 awe/JsonUtility.php
create mode 100644 awe/ShopProduct.php
create mode 100644 awe/ShopProductWriter.php
create mode 100644 css/styles.css
create mode 100644 index.php
create mode 100644 products-backup.json
create mode 100644 products.json

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git remote add origin https://github.com/dev9359/aweComponent1.git
```

```
new file:   products-backup.json
new file:   products.json

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git commit -m'Component 1 task 1'
[master (root-commit) 89d4c8a] Component 1 task 1
12 files changed, 621 insertions(+)
create mode 100644 awe/BookProduct.php
create mode 100644 awe/CdProduct.php
create mode 100644 awe/GameProduct.php
create mode 100644 awe/HtmlProductWriter.php
create mode 100644 awe/JsonProductWriter.php
create mode 100644 awe/JsonUtility.php
create mode 100644 awe/ShopProduct.php
create mode 100644 awe/ShopProductWriter.php
create mode 100644 css/styles.css
create mode 100644 index.php
create mode 100644 products-backup.json
create mode 100644 products.json

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git remote add origin https://github.com/dev9359/aweComponent1.git

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (master)
$ git branch -M main

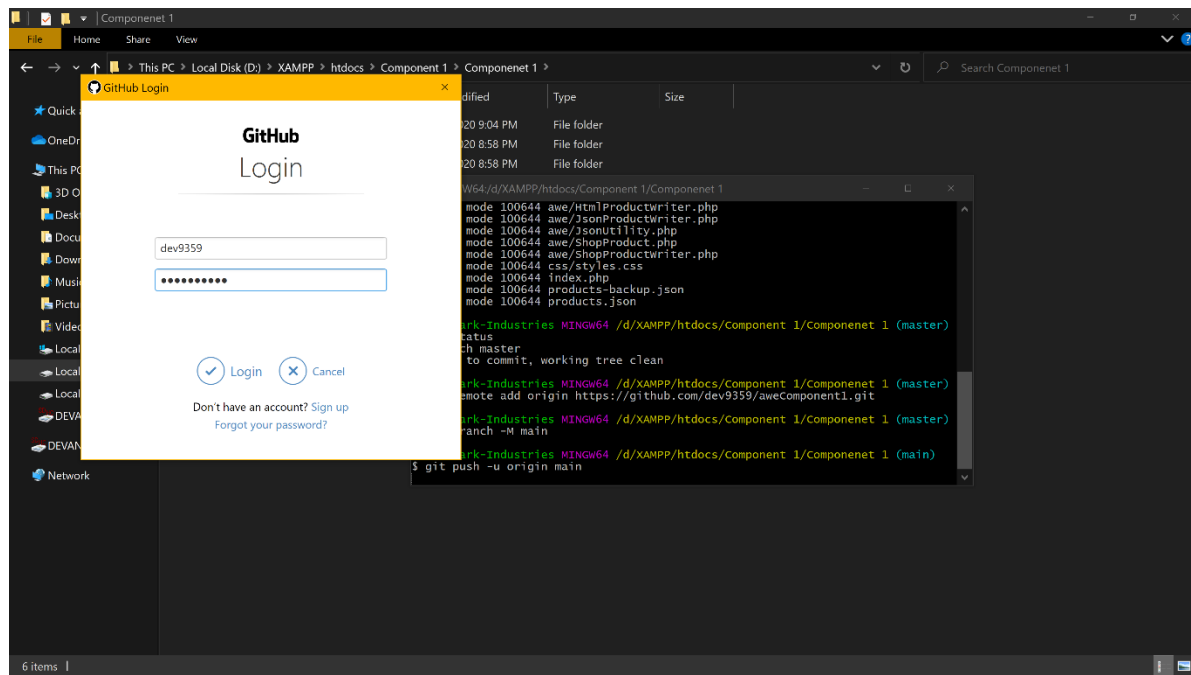
Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (main)
$ git push -u origin main
Logon failed, use ctrl-c to cancel basic credential prompt.
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 8 threads
Compressing objects: 100% (15/15), done.
Writing objects: 100% (16/16), 5.11 KiB | 871.00 KiB/s, done.
Total 16 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/dev9359/aweComponent1.git
 * [new branch] main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

Dell@stark-Industries MINGW64 /d/XAMPP/htdocs/Component 1/Componentet 1 (main)
$
```

Above Images show that Task on was added, committed and pushed correctly and the file was uploaded as expected.



While pushing the file to git hub respiratory you need to give your ID and password for authentication and the process was completed successfully as seen in above image.

BOOKS

AUTHOR	TITLE	PAGES	PRICE	DELETE
Matt Zandstra	PHP Objects, Patterns and Practice	608	44.99	X

CDs

ARTIST	TITLE	DURATION	PRICE	DELETE
Georgla	Seeking Thrills	45	8.5	X
The Jam	Modern World	3	1.99	X

GAMES

CONSOLE	TITLE	PEGI	PRICE	DELETE
Nintendo Switch	Animal Crossing: New Horizons	3	44.99	X

ADD NEW PRODUCT

Product Type:

Author / Artist:

First Name:

Main Name / Surname / Console:

Title:

Pages/Duration/PEGI:

Price:

As seen in the image the Task 1 is completed successfully. And with 0 errors, all the requirements are fulfilled as asked by the University.

```

CL FAS51813@DESKTOP-10M4ESM MINGW64 ~
$ composer

Composer version 2.0.4 2020-10-30 22:39:11

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display this help message
  -q, --quiet               Do not output any message
  -V, --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
  --no-plugins              Whether to disable plugins.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
  --no-cache                Prevent use of the cache
  -vv|vv|vvv, --verbose    Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  about      Shows the short information about Composer.
  archive    Creates an archive of this composer package.
  browse     Opens the package's repository URL or homepage in your browser.
  cc         Clears composer's internal package cache.
  check-platform-reqs Check that platform requirements are satisfied.
  clear-cache Clears composer's internal package cache.
  clearcache Clears composer's internal package cache.
  config     Sets config options.
  create-project Creates 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-autoloader Dumps the autoloader.
  dumpautoload Dumps the autoloader.
  exec       Executes a vendored binary/script.
  fund       Discover how to help fund the maintenance of your dependencies.
  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.
  i          Installs the project dependencies from the composer.lock file if present, or falls back on the composer.json.
  info       Shows information about packages.
  init       Creates a basic composer.json file in current directory.
  --no-cache Prevent use of the cache
  -vv|vv|vvv, --verbose Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

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  diagnose   Diagnoses the system to identify common errors.
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  exec       Executes a vendored binary/script.
  fund       Discover how to help fund the maintenance of your dependencies.
  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.
  i          Installs the project dependencies from the composer.lock file if present, or falls back on the composer.json.
  info       Shows 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   Shows information about licenses of dependencies.
  list       Lists commands
  outdated   Shows a list of installed packages that have updates available, including their latest version.
  prohibits  Shows which packages prevent the given package from being installed.
  remove     Removes a package from the require or require-dev.
  require    Adds required packages to your composer.json and installs them.
  run        Runs the scripts defined in composer.json.
  run-script Runs the scripts defined in composer.json.
  search     Searches for packages.
  self-update Updates composer.phar to the latest version.
  selfupdate Updates composer.phar to the latest version.
  show       Shows information about packages.
  status     Shows a list of locally modified packages.
  suggests   Shows package suggestions.
  u          Upgrades your dependencies to the latest version according to composer.json, and updates the composer.lock file.
  update     Upgrades your dependencies to the latest version according to composer.json, and updates the composer.lock file.
  upgrade    Upgrades your dependencies to the latest version according to composer.json, and updates the composer.lock file.
  validate   Validates a composer.json and composer.lock.
  why        Shows which packages cause the given package to be installed.
  why-not    Shows which packages prevent the given package from being installed.

```

Above given are successful screenshots of that the installation is complete of composer in the pc.