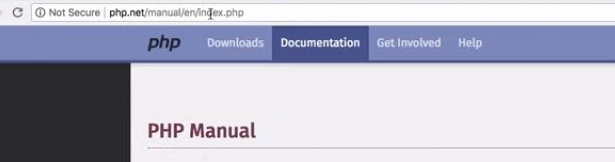
১.১ - পিএইচপি ডেভেলপমেন্ট এনভায়রনমেন্ট

- PHP Development Environment Setup

- Any kind of Help regarding PHP : PHP Manual (www.php.net/manual)



- php.net/count, php.net/fopen etc. for taking quick help on specific element.

- Development Setup Environment : OS - Linux / Windows / Mac / Ubuntu etc.  
- We can download manually PHP Binary, Apache and MySql only and configure to run PHP

- But package is better than manual.

- WampServer is very good solution for windows user

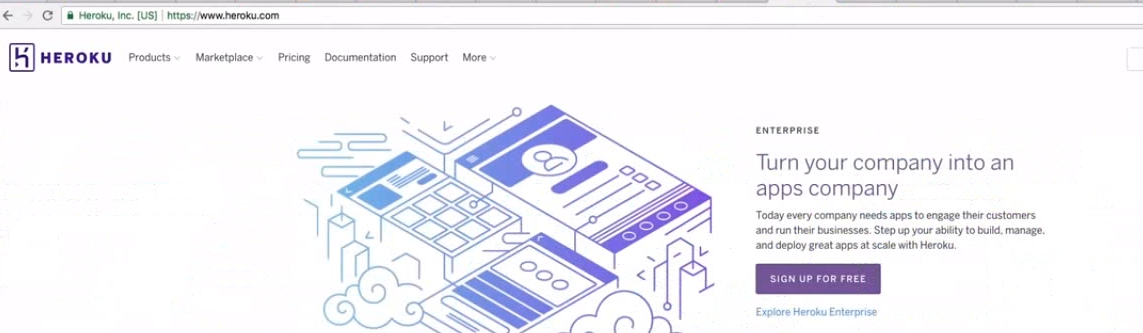
- Another good solution one is XAMPP for Windows / Linux / Mac etc.

- Ampps is beautiful for Mac User

- U can also user Mamp for Windows and Mac

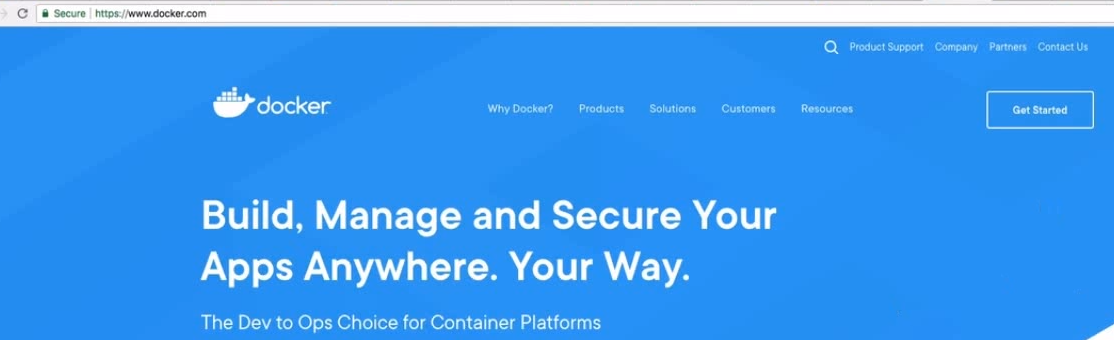
- Local by Flywheel is also best for Windows or Mac

- You can test your project through online using Heroku

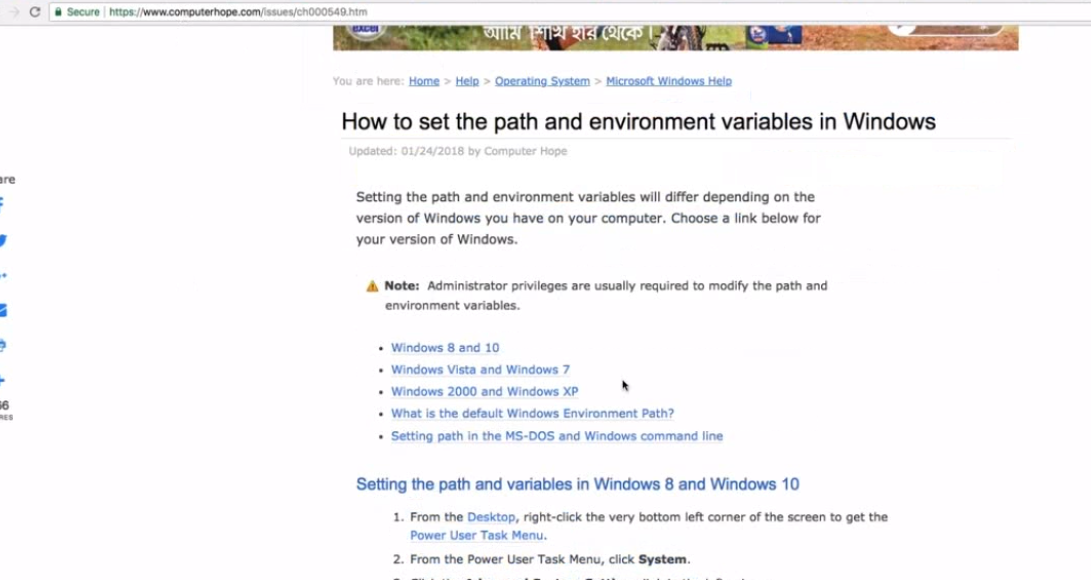


- There are many kinds of services available on free

- We can use docker

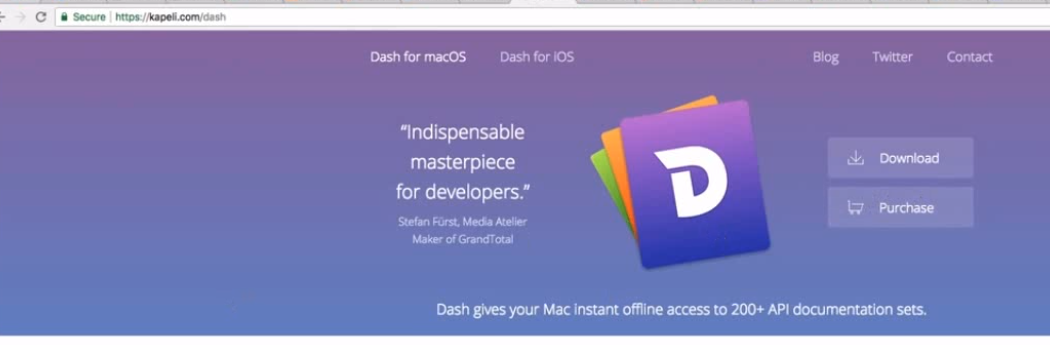


- Add Environment file in global path

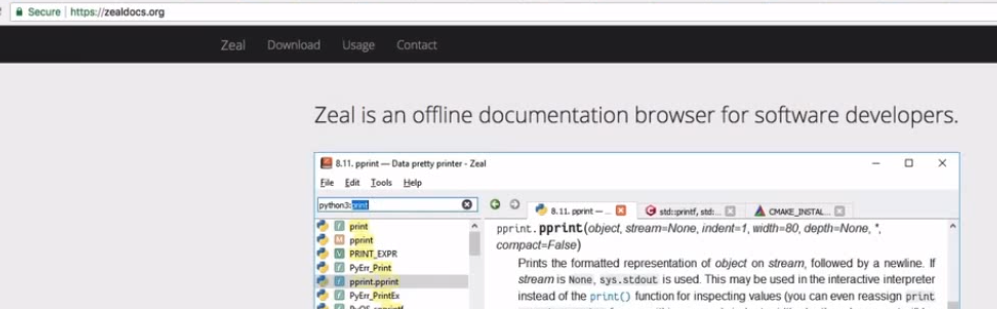


- We can find specific php function help through e.g. php.net/date through online

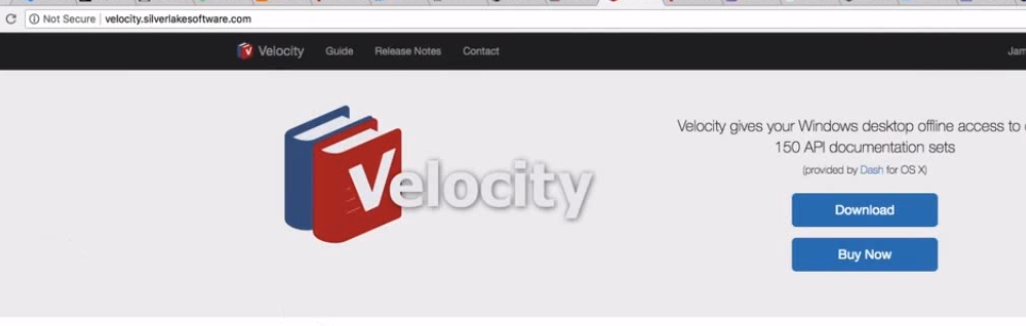
- We can also find offline help through dash (for Mac users)



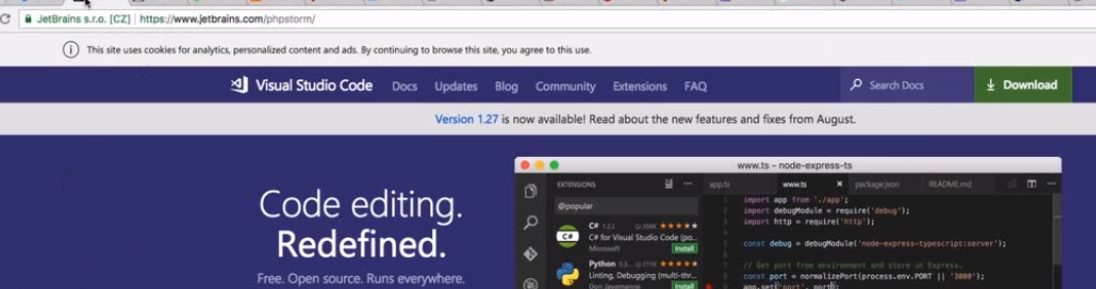
- for Linux and Windows user Zeal

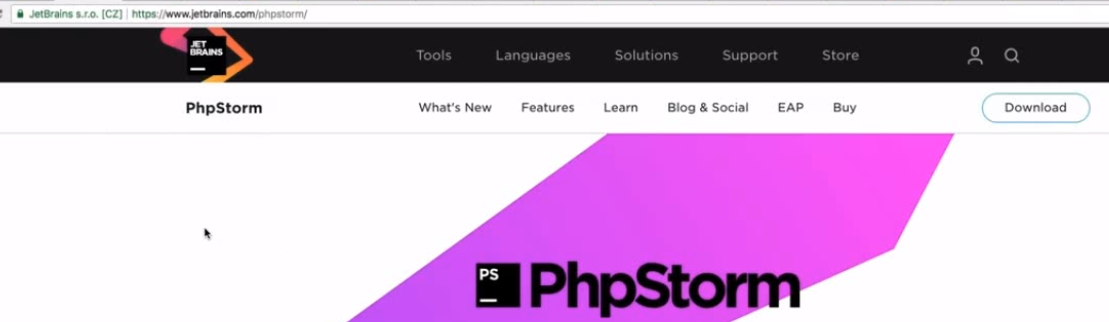


- Another very good application is velocity for windows



- Code Editor : Visual Studio (free) and PHP Storm is best

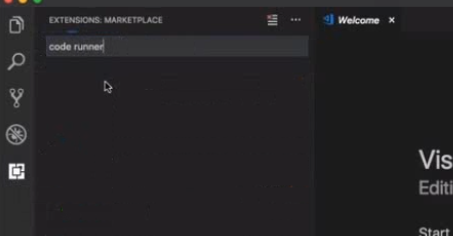




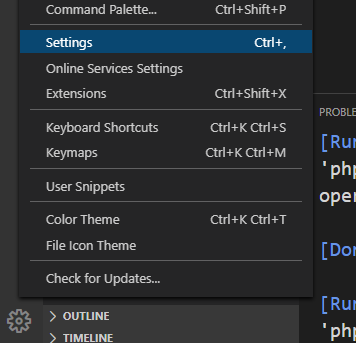
- PHP Storm is 30 days Trial, but sometimes they issue coupon for 4/6 months upon request. Or u can get a student addition.

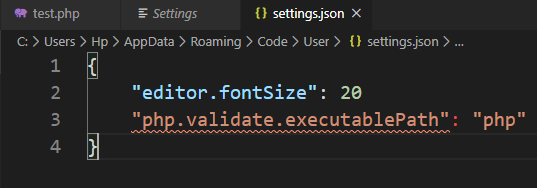
- Visual Studio Code is excellent and fast also free.

- In visual Studio Code, see left a icon - named extension -> click -> write code runner and install it to run ur code in the editor.



- Goto bottom click  - settings -> write





- Setup PHP Path to Environment Variable to execute its command from anywhere

- right button -> my computer -> Advanced System Settings -> Environment Variables -> System Variables -> select path -> Edit -> click New -> paste the PHP location path.

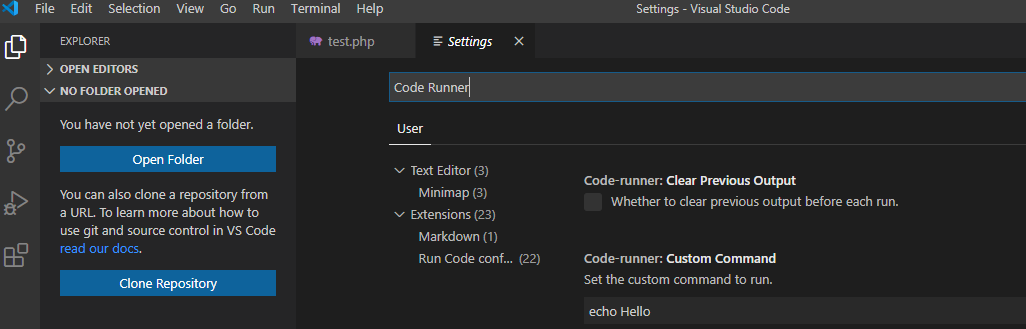
- To run code from Visual Studio Code is Ctrl+Alt+N

১.২ - ভ্যারিয়েবল পরিচিতি

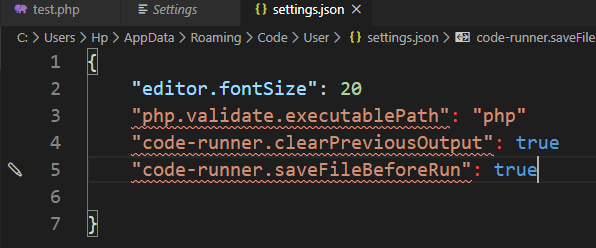
- We are using Visual Studio Code & Code Runner (Alt+Ctrl+N)

- To Autorun Code Runner

- File - Preference - Settings - write Code Runner

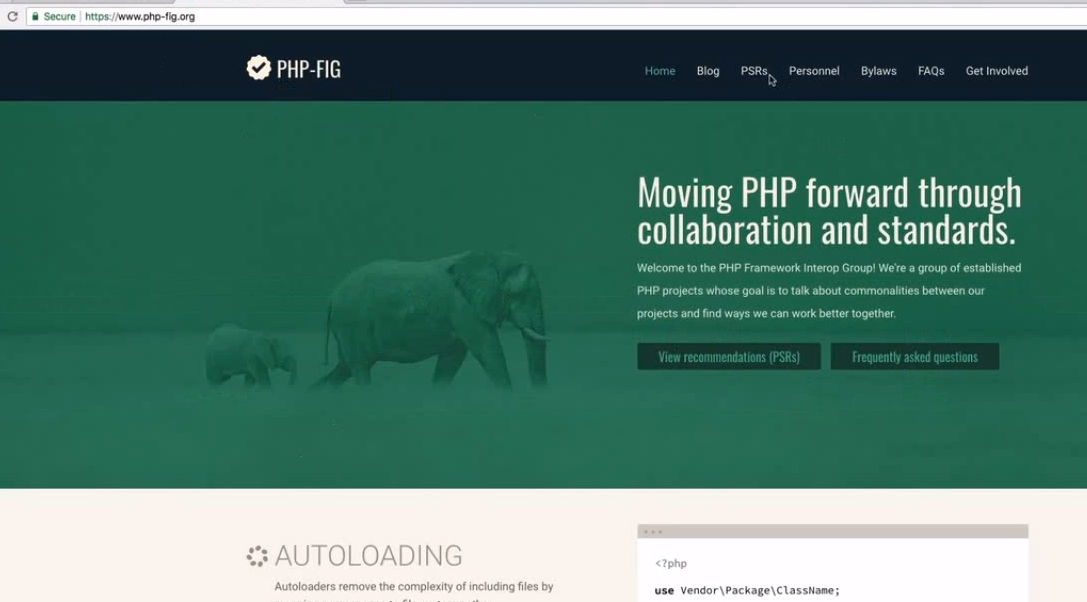


- Select  and 



- Variable is not required to declare in PHP, PHP intelligently detect the type of variables. eg. $name = 'Bangladesh' (string variable within single or double quote). $age = 33 (number). Variable name can be alphanumeric. It must be starts from alpha. Style of writing variable $my\_name / $myName (camel case) / $MyName (title case).

- How do you know PHP standards ?



- PHP starts using <?php and ends using ?>, ?> is not necessary to use in the last line.

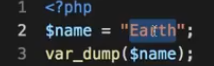
- Example see class1\_2.php file.

১.৩ - ভ্যারিয়েবল নিয়ে আরও কথা, কনস্ট্যান্ট এবং কমেন্টস

- Example see class1\_3.php file.

১.৪ - পিএইচপিতে আউটপুট প্রিন্ট করা নিয়ে বিস্তারিত

- var\_dump() - to know details about a variable



- Example class1\_4.php

- echo / printf is used to print the result / expression

$planet1 = "Mercury";

$planet2 = "Jupiter";

echo "The smallest Planet is ".$planet1." and the biggest planet is ".$planet2."\n";

echo "The smallest Planet is {$planet1} and the biggest planet is {$planet2}\n";

printf("The smallest planet is %s and the biggest planet is %s\n", $planet1, $planet2);

printf("The smallest planet is %s and the biggest planet is %s\n", strtoupper($planet1), $planet2);

- for more on printf pls visit www.php.net/printf

১.৫ - উইন্ডোজের জন্য ভিজ্যুয়াল স্টুডিও তে কোডরানার ফিক্স করা (পিএইচপি নট ফাউন্ড)

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১.৬ - উইন্ডোজের জন্য পিএইচপিস্টর্মে তে কোডরানার ফিক্স করা

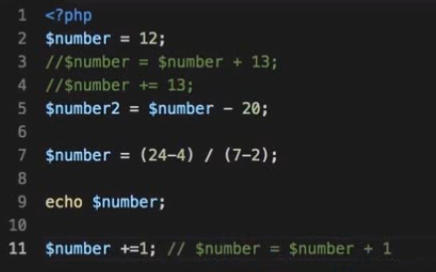
১.৭ - পিএইচপিতে যোগ বিয়োগ গুন ভাগ

- + - / \* %(modulus) = Arithmetic Operator

- +=, -=, /=, \*= = Asignment Operator

$number ++ or $number +=1 or $number = $number+1

$number -- or $number -=1 or $number = $number-1



১.৮ - ++ এবং -- নিয়ে আরও কিছু কথা

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