

PHP Introduction



PHP Tutorial for Beginners (Hindi)



What is PHP?



PHP

- PHP is an acronym for PHP: Hypertext Preprocessor
- PHP is a widely-used, Open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use
- PHP files have extension .php



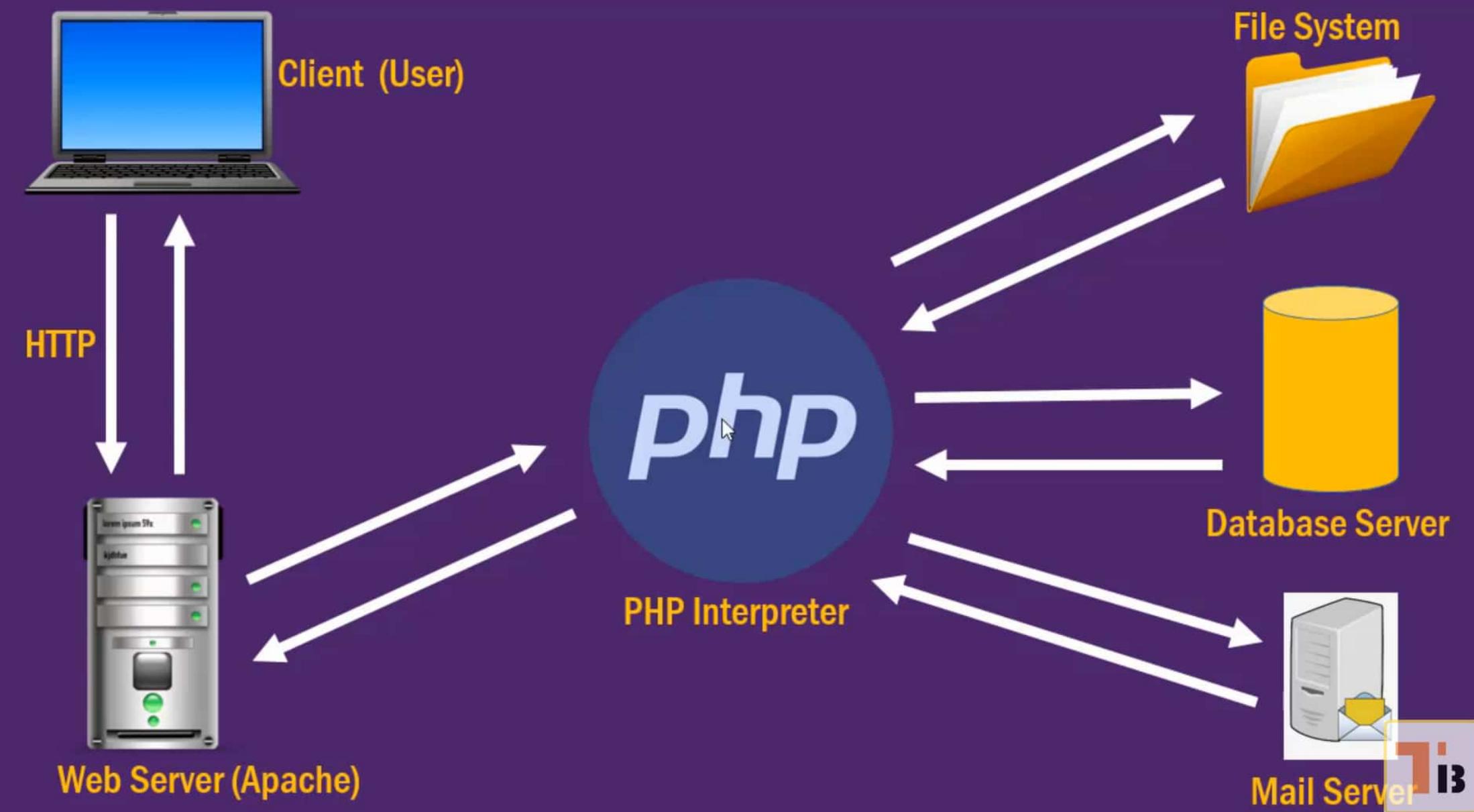
Why PHP?

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS)
- PHP supports a wide range of databases
- PHP is free
- PHP is easy to learn and runs efficiently on the server side
- Popular Projects : Facebook, WordPress, Wikipedia, Tumblr etc.



How PHP Works?





Environment Setup



XAMPP

- XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends
- It consists mainly the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages
- XAMPP – Cross Platform (X) Apache MariaDB PHP Perl



Solution Stack (Bundle)

- **LAMP - Linux, Apache, MySQL, PHP**
 - XAMPP
- **WAMP - Windows, Apache, MySQL, PHP**
 - WampServer





XAMPP Apache + MariaDB + PHP + Perl

Welcome to XAMPP for Windows 7.3.1

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the FAQs to learn how to protect your site. Alternatively you can use WAMP, MAMP or LAMP which are similar packages which are more suitable for production.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forums



PHP Syntax



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A screenshot of the Visual Studio Code interface. On the left, the Explorer sidebar shows a file tree with two entries: 'index.php' and 'index.php'. The main editor area displays the following PHP code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, " >
7     <title>PHP Syntax</title>
8 </head>
9 <body>
10 <?php
11 echo "Hello World!";
12 ?>
13 </body>
14 </html>
```

The status bar at the bottom indicates the code has 14 lines, 8 columns, and is in UTF-8 encoding. To the right of the editor is a browser preview window titled 'PHP' showing the output 'Hello World!'.



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // this is php single line comment
3
4 # This is also a single line comment
5 echo "Let's see multiline comment <br>";
6 /*
7 This is multiline
8 comment in PHP
9 fileName: index.php
10 */
11
12
13 echo "PHP Comments";
14
```

localhost/phpbasic/index.php

Let's see multiline comment
PHP Comments

The image shows a screenshot of the Visual Studio Code (VS Code) interface. On the left, the code editor displays a file named 'index.php' with the following content:

```
<?php
// this is php single line comment
# This is also a single line comment
echo "Let's see multiline comment <br>";
/*
This is multiline
comment in PHP
fileName: index.php
*/
echo "PHP Comments";
```

The code uses standard PHP syntax, including single-line comments (//), multi-line comments (/* */), and echo statements. The file is saved as 'index.php'.

On the right, a browser window titled 'localhost/phpbasic/index.php' shows the output of the PHP code. The output consists of two lines of text: 'Let's see multiline comment' and 'PHP Comments'. The browser interface includes a back button, forward button, refresh button, and a status bar at the bottom.



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // PHP Case Sensivity
3
4 // variables are case sensitive
5
6 $age = 30;
7 echo "My Age is :" . $age;
8 //echo "My Age is :" . $Age;
9 //echo "My Age is :" . $AGE;
10
```

The status bar at the bottom indicates the file is 7 lines long, column 1, spaces: 4, encoding: UTF-8, CR LF, PHP, phpfmt, and a warning icon.

On the right, a browser window titled "localhost/phpbasic/index.php" displays the output: "My Age is :30". The browser toolbar includes icons for back, forward, search, and refresh, along with a "Paused" button.



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // Braces make blocks
3 $a = 10;
4 if ($a == 10) {
5     echo "This is True";
6 }
7
```

The status bar at the bottom indicates the code is 4 lines long, column 16, spaces 4, encoding UTF-8, and using CR LF.

To the right, a browser window displays the output of the PHP script: `This is True`. The browser's address bar shows `localhost/phpbasic/index.php`. A small icon in the browser toolbar indicates the script is paused.





Control Panel Home

View basic information

Windows edition

System Properties

Computer Name Hardware Advanced System

You must be logged on as an Administrator to

Performance

Visual effects, processor scheduling, memory

User Profiles

Desktop settings related to your sign-in

Startup and Recovery

System startup, system failure, and debugging

OK

Environment Variables

Edit environment variable

%SystemRoot%\system32
%SystemRoot%
%SystemRoot%\System32\Wbem
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\
C:\xampp\php
C:\ProgramData\ComposerSetup\bin
C:\Program Files\Git\cmd
%SYSTEMROOT%\System32\OpenSSH\
C:\xampp\mysql\bin
C:\Program Files\nodejs\
C:\Program Files\PutTY\
C:\TDM-GCC-64\bin

New
Edit
Browse...
Delete
Move Up
Move Down
Edit text...

OK

Cancel

OK

Cancel

See also

Security and Maintenance

Windows

Change

Change

TIB

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php 2 x

index.php

```
1 <?php <?php
2 $a = 2 $a = 20
3 $b = 4
4 $c = $ ';' expected. php
5 Unexpected ',', ' php
6 echo $ View Problem (Alt+F8) No quick fixes available , $c;
7 print $a, $b;
```

localhost/phpbasic/index.php

20
40
6020



Scanned with CamScanner

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php 2 x

index.php

```
1 <?php
2 $a = 20;
3 $b = 40;
4 $c = $a + $b;
5
6 echo $a . "</br>", $b . "</br>", $c;
7 print $a, $b;
8
```

In 7 Col 13 Spaces: 4 UTF-8 CRLF PHP phpfmt ⚙ 0

localhost/phpbasic/index.php

Parse error: syntax error, unexpected '' in
C:\xampp\htdocs\phpbasic\index.php on line 7



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PHP Data Types



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Variable Types

- **Integers** – Whole numbers, without a decimal point, like 3515.
- **Doubles** – Floating-point numbers, like 5.14159 or 49.5
- **Booleans** – Have only two possible values either **true** or **false**
- **NULL** – A special type that only has one value: **NULL**
- **Strings** – Sequences of characters, like 'PHP supports string operations.'



Variable Types

- **Arrays** – Named and indexed collections of other values.
- **Objects** – Instances of programmer-defined classes
- **Resources** – Special variables that hold references to resources external to PHP (such as database Variable Types)



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 //Variable Types
3 //$arr = array(2, 4, 6);
4 //$arr = [2, 4, 6];
5 $students = ["Pankaj" => 30, "Rohit" => 28];
6 var_dump($students);
7 |
```

localhost/phpbasic/index.php + 🔍 ⓘ localhost/phpbasic... ⚡ 🚧 🛡️ Paused :

```
array(2) { ["Pankaj"]=> int(30) ["Rohit"]=> int(28) }
```



In 7 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

A screenshot of the Visual Studio Code interface, showing a PHP file named `index.php` and its execution output in a browser window.

The left pane shows the `index.php` file content:

```
<?php  
//Variable Types  
class ABC  
{  
    public $name;  
    public function fun()  
    {  
        return "Hello There!";  
    }  
}  
  
$classObj = new ABC();  
var_dump($classObj);
```

The right pane shows the browser output at `localhost/phpbasic/index.php`:

object(ABC)#1 (1) { ["name"]=> NULL }

PHP Operators



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Operators

- **Arithmetic Operators**
- **Assignment Operators**
- **Logical Operators**
- **Comparison Operators**
- **Conditional (or ternary) Operators**



Arithmetic Operators

Assume variable A holds 10 and variable B holds 20 then –

Operator	Description	Example
+	Adds two operands	A + B will give 30
-	Subtracts second operand from the first	A - B will give -10
*	Multiply both operands	A * B will give 200
/	Divide numerator by de-numerator	B / A will give 2
%	Modulus Operator and remainder of after an integer division	B % A will give 0
++	Increment operator, increases integer value by one	A++ will give 11
--	Decrement operator, decreases integer value by one	A-- will give 9



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // Arithmetic operators
3 $a = 10;
4 $b = 20;
5 $c = $a + $b;
6 echo "Sum of a and b: ".$c;
```

The status bar at the bottom indicates the code is in Line 6, Column 28, with 4 spaces, and encodings for UTF-8, CR LF, PHP, and phpfmt.

To the right, a browser window displays the output of the PHP code: `Sum of a and b: 30`. A small orange square icon with the letters `TIB` is visible in the bottom right corner of the browser window.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arithmetic operators
3 $a = 10;
4 $b = 20;
5 $c = $a + $b;
6 echo "Sum of a and b: ", $c;
```

Sum of a and b: 30

This screenshot shows a development environment using Visual Studio Code (VS Code) for PHP development. On the left, the code editor displays a file named 'index.php' containing a simple PHP script that adds two variables (\$a and \$b) and prints the result. The code uses color-coded syntax highlighting for PHP keywords and strings. On the right, a web browser window is open at 'localhost/phpbasic/index.php', showing the output of the executed PHP code: 'Sum of a and b: 30'. The browser interface includes standard navigation buttons and a tab bar. A small orange 'TIB' logo is visible in the bottom right corner of the image.

Assignment Operators

Operator	Description	Example
=	Assigns values from right side operands to left side operand	$C = A + B$
+=	Add AND assignment operator	$A += B$ Equivalent to $A = A + B$
-=	Subtract AND assignment operator	$A -= B$ Equivalent to $A = A - B$
*=	Multiply AND assignment operator	$A *= B$ Equivalent to $A = A * B$
/=	Divide AND assignment operator	$A /= B$ Equivalent to $A = A / B$
%=	Modulus AND assignment operator	$A %= B$ Equivalent to $A = A \% B$



Comparison Operators

Assume variable **A** holds 10 and variable **B** holds 20 then –

Operator	Description	Example
<code>==</code>	Checks if the value of two operands are equal or not, if yes then condition becomes true	$(A == B)$ is not TRUE
<code>!=</code>	Checks if the value of two operands are equal or not, if values are not equal then condition becomes true.	$(A != B)$ is TRUE
<code>></code>	Checks if the value of left operand is greater than the value of right operand, if yes then condition becomes true	$(A > B)$ is not TRUE
<code><</code>	Checks if the value of left operand is less than the value of right operand, if yes then condition becomes true	$(A < B)$ is TRUE
<code>>=</code>	Checks if the value of left operand is greater than or equal to the value of right operand, if yes then condition becomes true	$(A >= B)$ is not TRUE
<code><=</code>	Checks if the value of left operand is less than or equal to the value of right operand, if yes then condition becomes true	$(A <= B)$ is TRUE



Logical Operators

Assume variable A holds 10 and variable B holds 20 then –

Operator	Description	Example
AND	Called Logical AND operator. If both the operands are true then condition becomes true	(A and B) is true
OR	Called Logical OR Operator. If any of the two operands are non zero then condition becomes true	(A or B) is true
&&	Called Logical AND operator. If both the operands are non zero then condition becomes true	(A && B) is TRUE
	Called Logical OR Operator. If any of the two operands are non zero then condition becomes true	(A B) is TRUE
!	Called Logical NOT Operator. Use to reverses the logical state of its operand. If a condition is true then Logical NOT operator will make false	!(A && B) is FALSE



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // Logical operators
3
4 $a = 5;
5 $b = 10;
6 if ($a or $b) {
7     echo "a is less than or equal to b";
8 }
```

a is less than or equal to b

In 9 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0



Conditional Operators

Operator	Description	Example
? :	Conditional Expression	If Condition is true ? Then value X : Otherwise value Y



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
1 <?php
2 // conditional operators
3 $a = 10;
4
5 if ($a > 10) {
6     echo "Greater than 10";
7 } else {
8     echo "Less than or equal to 10";
9 }
10
11 echo $a > 10 ? "Greater than 10" : "Less than or
12 equal to 10";
```

localhost/phpbasic/index.php

Less than or equal to 10



In 11 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

PHP Decision Making



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File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Decision making statements
3
4 /**
5 * if statement
6 * if-else statement
7 * switch statement
8 */
9
```

In 8 Col 4 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

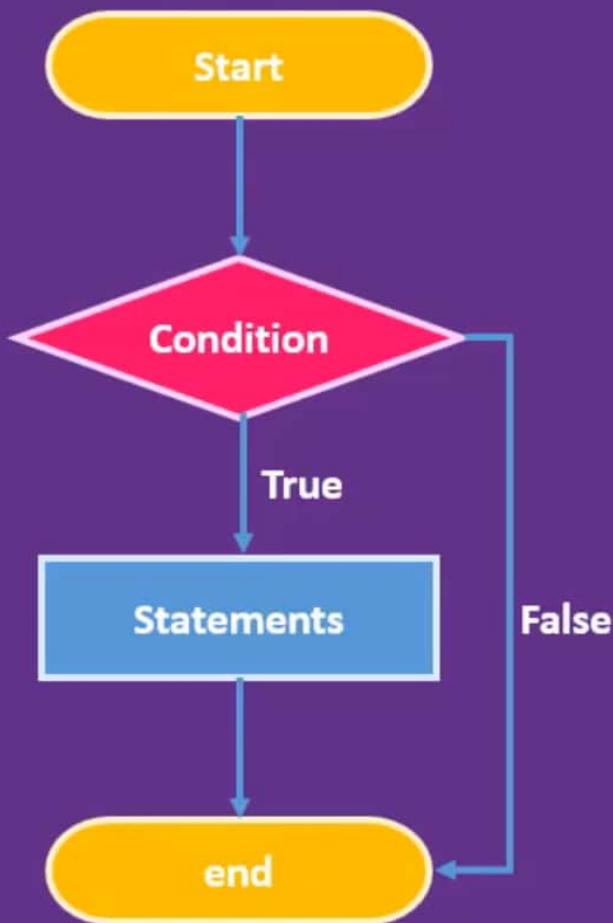
localhost/phpbasic/index.php

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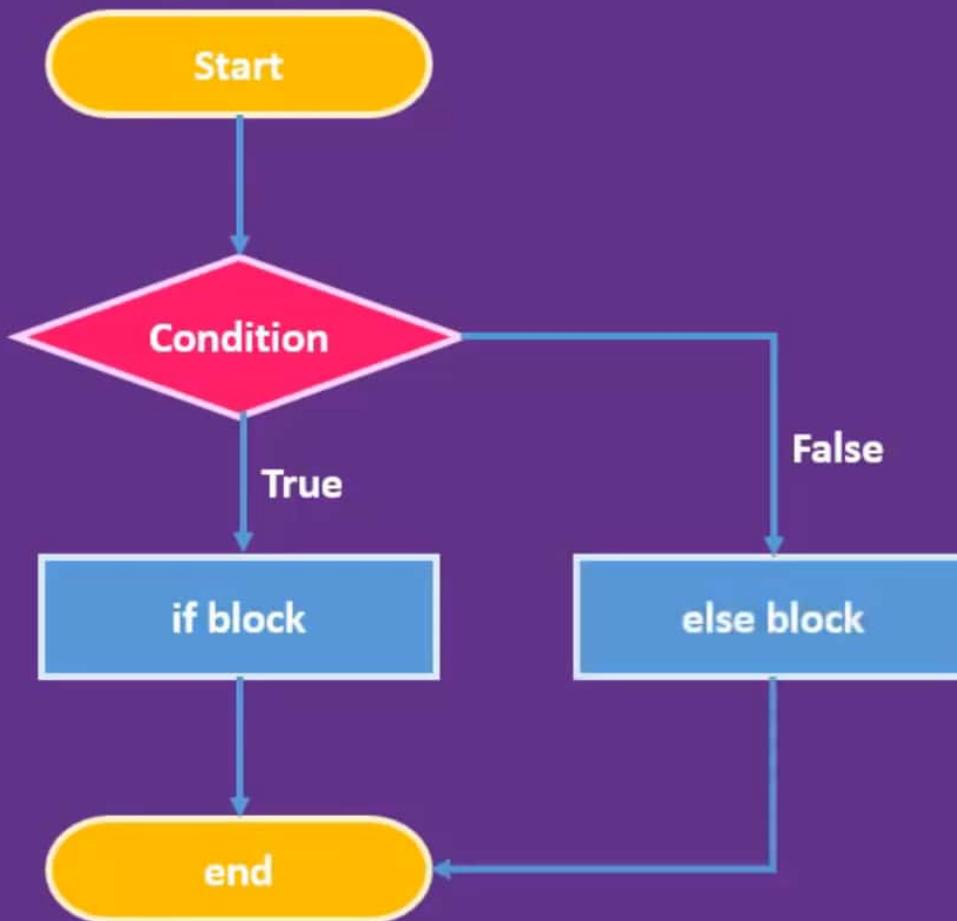


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if statement flowchart



if-else statement flowchart



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

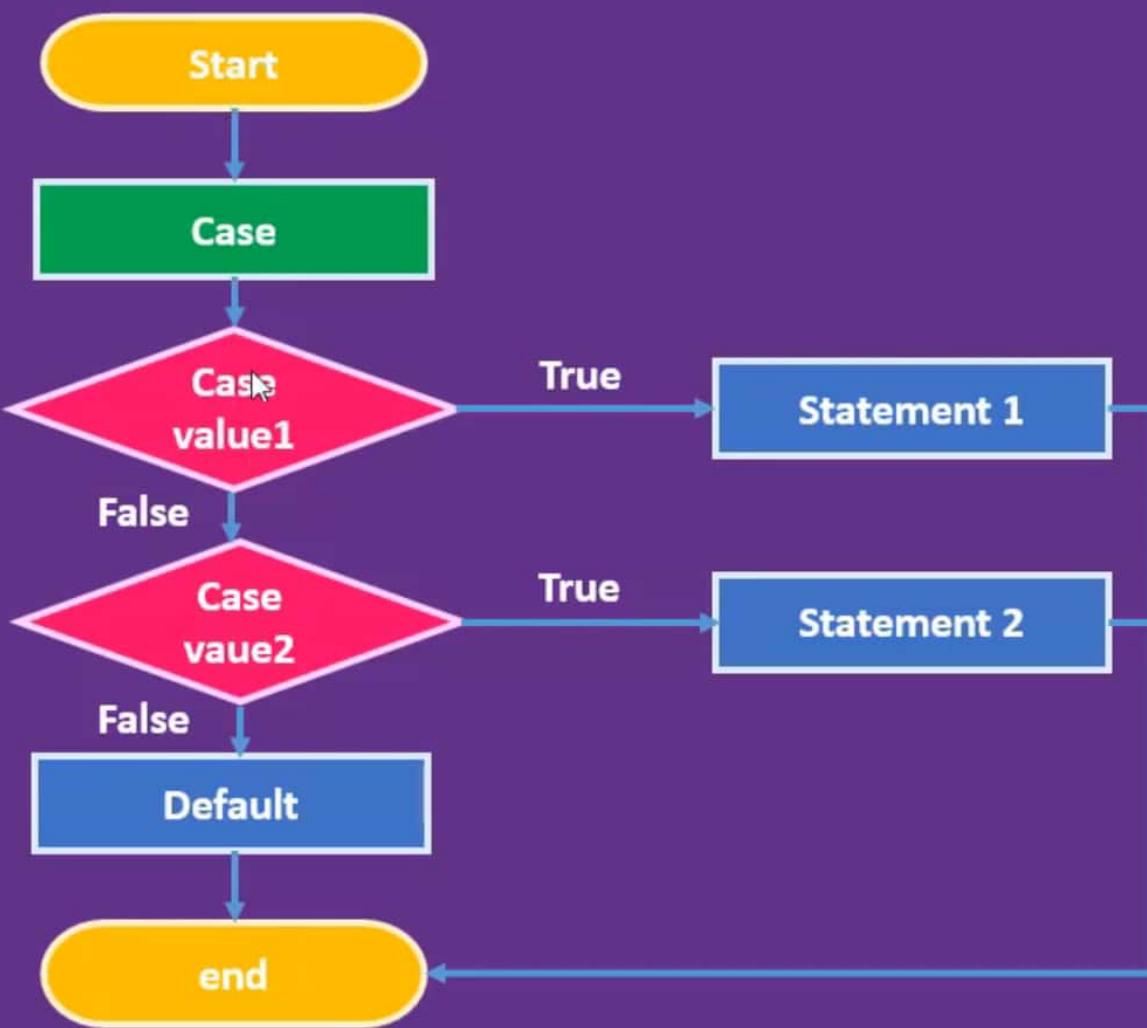
```
1 <?php
2 // Decision making statements
3
4 // $day = date('D');
5 $day = 'Sat';
6 if ($day == 'Sun' || $day == 'Sat') {
7     echo "Happy Weekend!";
8 } else if ($day == 'Fri') {
9     echo "Weekend is coming soon.";
10 } else {
11     echo "WeekDay.";
12 }
13
```

localhost/phpbasic/index.php

Happy Weekend!



In 6 Col 36 (31 selected) Spaces: 4 UTF-8 CR LF PHP phnfmt ⌂ 0



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Decision making statements
3
4 // switch statement
5
6 // $day = date('L');
7 $day = "Monday";
8 switch ($day) {
9     case 'Sunday':
10    case 'Saturday':
11        echo "Happy Weekend!";
12        break;
13    case 'Friday':
14        echo "Weekend is coming soon!";
15        break;
16    default:
17        echo "Weekday!";
18        break;
19 }
20
```

In 18 Col 15 Spaces: 4 UTF-8 CR LF PHP phpfmt ⚙ 0

localhost/phpbasic/index.php

Weekday!



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php X
index.php

```
1 <?php
2 // Decision making statements
3
4 $day = date('l');
5
6 echo ($day == 'Sunday') ? "Happy Weekend" : "Weekday";
7
```

localhost/phpbasic/index.php

FridayWeekday



In 7 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

PHP Loops



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File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 //Loops
3 /*
4 - for
5 - while
6 - do-while
7 - foreach
8 | */
9
```

I

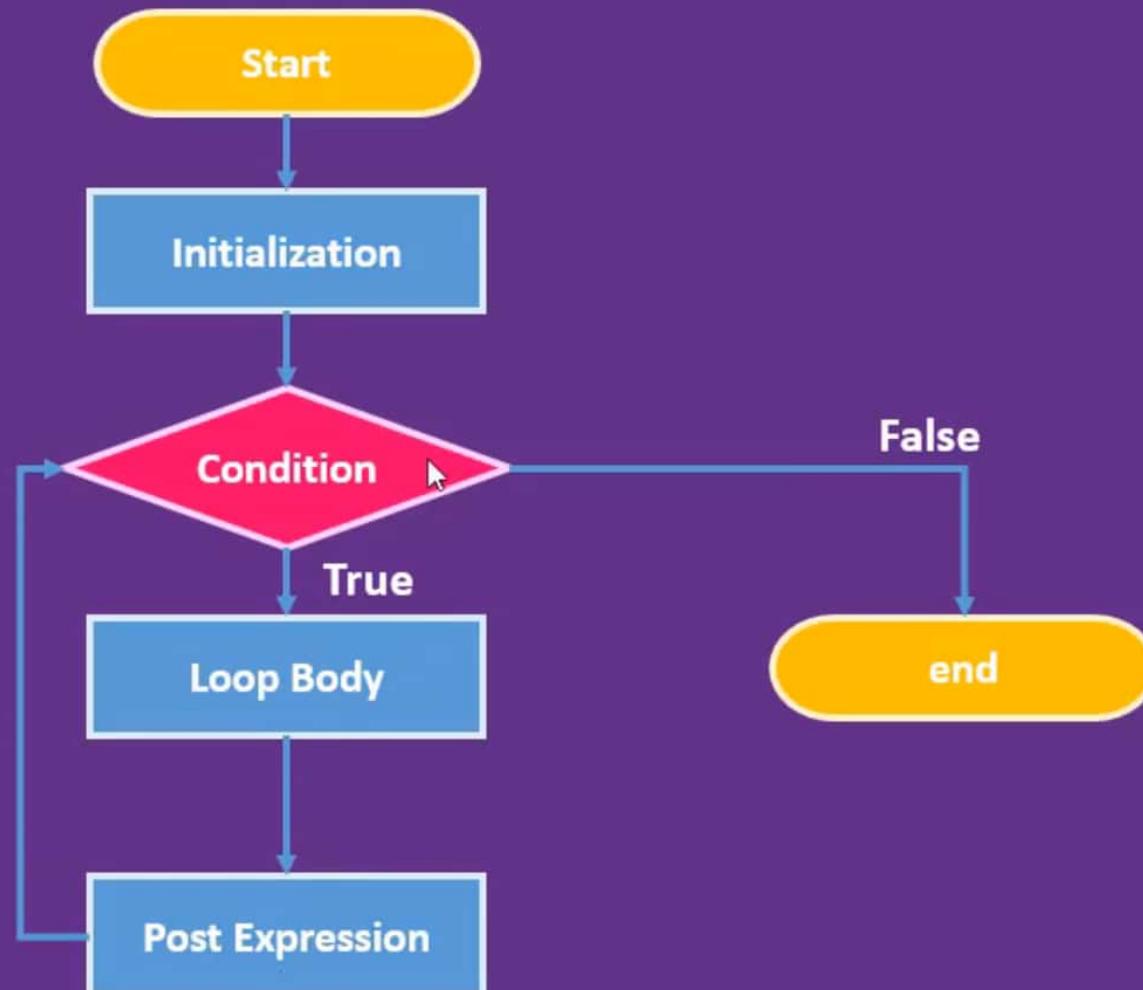
In 9 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

localhost/phpbasic/index.php

localhost/phpbasic/index.php

Scanned with CamScanner

for loop flowchart



for loop syntax

```
for ( [initialization]; [condition]; [final-expression] )
```



The screenshot shows a Visual Studio Code interface with two panes. The left pane displays a file named 'index.php' containing the following code:

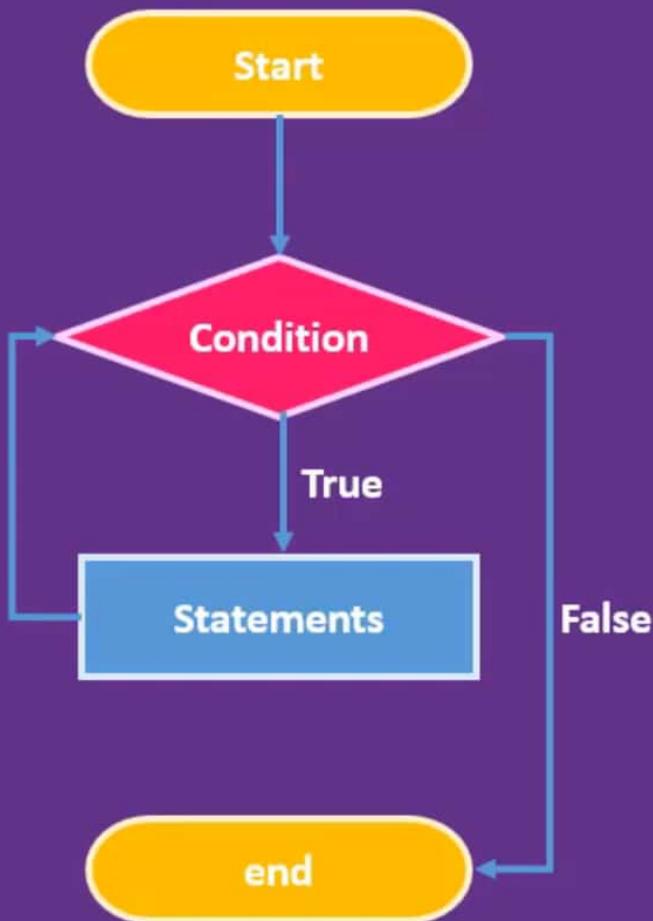
```
<?php  
// for loop  
$n = 5;  
for ($i = 5; $i <= 10; $i++) {  
    echo $i * $n, "</br>";  
}  
7
```

The right pane shows the browser output at 'localhost/phpbasic/index.php', which displays the following numbers:

0
5
10
15
20
25
30
35
40
45
50



while loop flowchart



while loop syntax

```
while(`condition') {  
    // statements  
}
```



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // while Loop
3 $i = 1;
4 while ($i <= 5) {
5     echo "Number is :", $i, "<br>";
6     $i++;
7 }
8
```

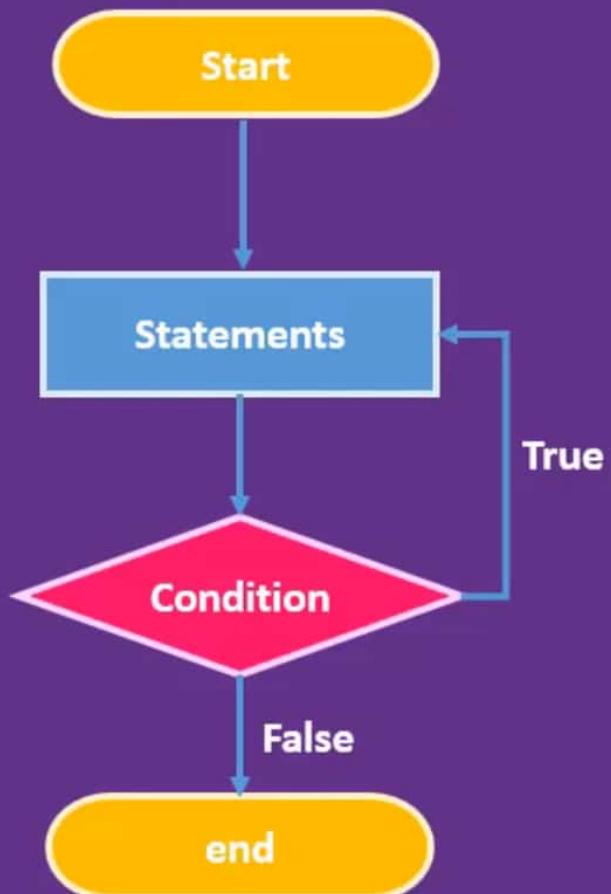
localhost/phpbasic/index.php

Number is :1
Number is :2
Number is :3
Number is :4
Number is :5



In 8 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

do-while flowchart



do-while loop syntax

```
do {  
    // statements  
}  
while( condition );
```



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // do-while Loop
3 $i = 1;
4 do {
5     echo "Number is: ", $i, "<br>";
6     $i++;
7 } while ($i <= 5);
8
```

localhost/phpbasic/index.php

Number is: 1
Number is: 2
Number is: 3
Number is: 4
Number is: 5



In 8 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // do-while Loop
3 $i = 6;
4 do {
5     echo "Number is: ", $i, "<br>";
6     $i++;
7 } while ($i <= 5);
```

localhost/phpbasic/index.php

Number is: 6



In 7 Col 19 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ ⌂

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // foreach Loop
3
4 $arr = array(2, 4, 6, 8);
5 foreach ($arr as $number) {
6     echo "Number is: ", $number, "<br>";
7 }
8
```

In 6 Col 39 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

localhost/phpbasic/index.php

Number is: 2
Number is: 4
Number is: 6
Number is: 8



Scanned with CamScanner

The screenshot shows a Visual Studio Code interface with two panes. The left pane displays a PHP file named 'index.php' containing the following code:

```
1 <?php
2 // foreach Loop
3
4 $students = ["pankaj" => 30, "pawan" => 40, "rohan"
=> 35];
5 foreach ($students as $name => $age) {
6     echo $name . " : " . $age;
7     echo "<br>";
8 }
```

The right pane shows a browser window titled 'localhost/phpbasic/index.php' displaying the output of the PHP code:

pankaj : 30
pawan : 40
rohan : 35



PHP Arrays



PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, 2, 3, 4, 5);
12 var_dump($array);
13
```

In 13 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0

localhost/phpbasic/index.php

array(5) { [0]=> int(1) [1]=> int(2) [2]=> int(3) [3]=> int(4) [4]=> int(5) }



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, 2, 3, 4, 5);
12 var_dump($array[0]);
13
```

In 12 Col 18 Spaces: 4 UTF-8 CR LF PHP phpfmt ⚙ 0

localhost/phpbasic/index.php

int(1)

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, 2, 3, 4, 5);
12 echo $array[1];
13
```

In 11 Col 20 (1 selected) Spaces: 4 UTF-8 CRLF PHP phnfmt ⚙ 0

localhost/phpbasic/index.php

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2



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, "a", 3, 3.14, 5);
12 echo "<pre>";
13 print_r($array);
14
```

localhost/phpbasic/index.php

← → C ⓘ localhost/phpbasic/ind... ☆ fb ⚡ 📌 🔍 🧩 ⋮

Array
(
[0] => 1
[1] => a
[2] => 3
[3] => 3.14
[4] => 5
)



In 12 Col 14 Spaces: 4 UTF-8 CR LF PHP phpfmt ⚡ 0

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, "a", 3, 3.14, 5);
12 array_push($array, 8);
13 echo "<pre>";
14 print_r($array);
15
```

localhost/phpbasic/index.php

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Array
(
[0] => 1
[1] => a
[2] => 3
[3] => 3.14
[4] => 5
[5] => 8
)

TB

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, "a", 3, 3.14, 5);
12 //array_push($array, 8);
13 array_shift($array);
14 echo "<pre>";
15 print_r($array);
16
```

localhost/phpbasic/index.php

Array

(

[0] => a

[1] => 3

[2] => 3.14

[3] => 5

)

In 13 Col 21 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, "a", 3, 3.14, 5);
12 $array[3] = "pankaj";
13 echo "<pre>";
14 print_r($array);
15
```

localhost/phpbasic/index.php

Array

(

[0] => 1
[1] => a
[2] => 3
[3] => pankaj
[4] => 5

)

In 12 Col 7 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0



```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 // Indexed Array
10
11 $array = array(1, "a", 3, 3.14, 5);
12 $array[3] = "pankaj";
13 echo "<pre>";
14 print_r($array[4]);
15
```



Scanned with CamScanner

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9
10 // Associate Array
11
12 $marks = ["maths" => 70, "eng" => 75, "sci" => 80];
13 var_dump($marks);
14
```

In 14 Col 1 Spaces: 4 UTF-8 CRLF PHP phpfmt ⚙ 0

localhost/phpbasic/index.php

array(3) { ["maths"]=> int(70) ["eng"]=> int(75) ["sci"]=> int(80) }



The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor containing an `index.php` file. The code defines an indexed array for numeric values and an associate array for subjects and their marks. It then outputs the value for 'maths'. On the right is a browser window showing the result of running the code, which is the number 70.

```
<?php
// Arrays

/**
 * - Indexed Array (Numeric Array)
 * - Associate Array
 * - Multidimensional Array
 */

// Associate Array
$marks = ["maths" => 70, "eng" => 75, "sci" => 80];
echo $marks["maths"];
```

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor with a file named "index.php". The code demonstrates various array types in PHP:

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9
10 // Associate Array
11
12 $marks = ["maths" => 70, "eng" => 75, "sci" => 80];
13 echo count($marks);
14
```

The browser preview window on the right shows the output of the PHP code, which is the number 3, indicating the count of elements in the array.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
* - Associate Array
* - Multidimensional Array
*/
// Multidimensional Array

$students = array(
    "pankaj" => array("maths" => 60, "eng" => 70,
    "sci" => 80),
    "rohan" => array("maths" => 80, "eng" => 75,
    "sci" => 80),
    "suresh" => array("maths" => 70, "eng" => 70,
    "sci" => 60),
);
echo "<pre>";
print_r($students);

```

localhost/phpbasic/index.php

```
Array
(
    [pankaj] => Array
        (
            [maths] => 60
            [eng] => 70
            [sci] => 80
        )

    [rohan] => Array
        (
            [maths] => 80
            [eng] => 75
            [sci] => 80
        )

    [suresh] => Array
        (
            [maths] => 70
            [eng] => 70
            [sci] => 60
        )
)
```



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
10 // Multidimensional Array
11
12 $students = array(
13     "pankaj" => array("maths" => 60, "eng" => 70,
14     "sci" => 80),
15     "rohan" => array("maths" => 80, "eng" => 75,
16     "sci" => 80),
17     "suresh" => array("maths" => 70, "eng" => 70,
18     "sci" => 60),
19 );
20
21 echo "<pre>";
22 //print_r($students['pankaj']['maths']);
23
24 $students["pawan"] = array("maths" => 50, "eng" =>
25     70, "sci" => 60);
26
27 print_r($students);
28
```

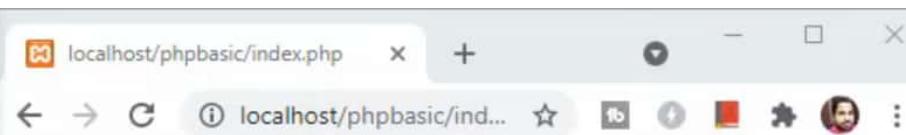
localhost/phpbasic/index.php

Array

```
( [pankaj] => Array
  (
    [maths] => 60
    [eng] => 70
    [sci] => 80
  )
  [rohan] => Array
  (
    [maths] => 80
    [eng] => 75
    [sci] => 80
  )
  [suresh] => Array
  (
    [maths] => 70
    [eng] => 70
    [sci] => 60
  )
  [pawan] => Array
  (
    [maths] => 50
    [eng] => 70
    [sci] => 60
  )
)
```



```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 $student = array("Rohan", "Pawan", "Pankaj");
10 if (in_array("Pankaj", $student)) {
11     echo "Exists";
12 } else {
13     echo "Doesn't Exist";
14 }
15 |
```



Exists



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 $students = array("Rohan" => "New Delhi", "Pawan" =>
10 "Agra", "Pankaj" => "Noida");
11 if (array_key_exists("Pawan2", $students)) {
12     echo "Yes";
13 } else {
14     echo "No";
15 }
```

No

In 10 Col 29 Spaces: 4 UTF-8 CR LF PHP phpfmt ⌂ 0



File Edit Selection View Go Run Terminal ... • index.php - phpbasic - Visual Studio... — □ X

index.php 1 ●

index.php

1 <?php
2 // Arrays **(array \$array, mixed ...\$vars)**
3
4 /**
5 * - *Indexed* The input array.
6 * - *Associat* </p>
7 * - *Multidim* Prepend elements to the beginning of an array
8 */
9 \$students = ar
"Agra", "Panka
10 array_unshift()

No

⑧ 1 A 0 In 10 Col 15 Spaces: 4 UTE-8 CR LF PHP phpfmt ⌂ 0



The image shows a screenshot of a development environment with two main windows. On the left is the Visual Studio Code editor, and on the right is a web browser window.

Visual Studio Code Editor:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help, index.php - phpbasic - Visual Studio ...
- Left Sidebar:** Includes icons for file operations (New, Open, Save, Find, Replace, etc.) and a search bar.
- Editor Area:** Displays the following PHP code:

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 $students = array("Rohan" => "New Delhi", "Pawan" =>
10 "Agra", "Pankaj" => "Noida");
11 echo count($students);
```
- Status Bar:** In 11 Col 1 Spaces: 4 UTF-8 CR LF PHP phpfmt ⚙ 0

Web Browser Window:

- Title Bar:** localhost/phpbasic/index.php
- Address Bar:** localhost/phpbasic/index.php
- Content Area:** Displays the number 3, indicating the count of elements in the array.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // Arrays
3
4 /**
5 * - Indexed Array (Numeric Array)
6 * - Associate Array
7 * - Multidimensional Array
8 */
9 $students = array("Rohan" => "New Delhi", "Pawan" =>
10 "Agra", "Pankaj" => "Noida");
11 echo end($students);
```

In 11 Col 1 Spaces: 4 UTF-8 CRLF PHP phpfmt ⚙ 0

localhost/phpbasic/index.php

Noida



PHP Strings



PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php X
index.php

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 echo $name;
6
```

localhost/phpbasic/index.php

Pankaj

TB

A screenshot of the Visual Studio Code interface. On the left, the code editor shows a file named `index.php` with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 var_dump($name);
6 //echo $name;
7
```

The status bar at the bottom indicates the file has 6 lines, 3 columns, 4 spaces, and is in UTF-8 encoding. It also shows tabs for CRLF and PHP, and a port of 5500.

To the right of the code editor is a browser window titled `localhost/phpbasic/index.php`. The page displays the output of the PHP code, which is:

string(6)"Pankaj"

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor containing an `index.php` file with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 $lastName = "Kumar";
6 $fullName = $name . " " . $lastName;
7 echo $fullName;
8 //echo $name;
9
```

On the right is a browser window titled "localhost/phpbasic/index.php" displaying the output of the PHP code, which is "string(12) "Pankaj Kumar"".



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 $lastName = "Kumar";
6 $fullName = $name . " " . $lastName;
7 echo $fullName;
8 //echo $name;
9
```

The status bar at the bottom indicates the file is at Line 7, Column 16, with 4 spaces, using UTF-8 encoding, and running on port 5500. A yellow gear icon with a '1' is visible in the bottom-left corner.

To the right, a browser window titled "localhost/phpbasic/index.php" displays the output: "Pankaj Kumar". The browser interface includes standard navigation buttons and a tab labeled "localhost/phpbasic/index.php".



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 $lastName = "Kumar";
6 $fullName = $name . " " . $lastName;
7 echo strlen($name);
8
```

In 7 Col 20 Spaces:4 EOL:LF PHP Port: 5500 phpfmt

localhost/phpbasic/index.php

← → C ⓘ localhost/phpbasic/ind... ☆ fb ⚡ 📌 🔍 🧩 🧙 :

6

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = "Pankaj";
5 $lastName = "Kumar";
6 $fullName = $name . " " . $lastName;
7 echo strlen($fullName);
8
```

localhost/phpbasic/index.php

12



In 7 Col 22 Spaces 4 LITE-8 CR LF PHP Port: 5500 phpfmt

A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $name = 'Pankaj';
5 $lastName = "Kumar";
6 $fullName = $name . " " . $lastName;
7 echo $fullName;
```

The status bar at the bottom indicates the code is on line 7, column 1, with 4 spaces, using UTF-8 encoding, and running on port 5500. A yellow gear icon with a '1' is visible in the bottom-left corner.

To the right, a browser window titled "localhost/phpbasic/index.php" displays the output: "Pankaj Kumar". The browser's address bar also shows "localhost/phpbasic/index.php".

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor containing a file named `index.php`. The code is as follows:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is "PHP" String
5 Tutorial";
6 echo $message;
```

The word `PHP` in the fourth line is underlined with a red wavy line, indicating a syntax error. The status bar at the bottom of the editor shows the current position as Line 4, Column 35.

To the right of the editor is a browser window titled `localhost/phpbasic/index.php`. It displays the following error message:

Parse error: syntax error, unexpected 'PHP' (T_STRING) in
C:\xampp\htdocs\phpbasic\index.php on line 4

At the bottom right of the browser window, there is a small orange square icon with the letters **TIB** in white.

A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = 'Hello there! This is "PHP" String
5 Tutorial';
6 echo $message;
```

The status bar at the bottom indicates the code is at Line 4, Column 56, with 4 spaces, in UTF-8 encoding, using PHP syntax, and running on port 5500.

To the right, a browser window displays the output of the PHP code: "Hello there! This is "PHP" String Tutorial". The browser address bar shows `localhost/phpbasic/index.php`.

A screenshot of the Visual Studio Code interface. On the left, the code editor shows a file named 'index.php' with the following content:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is \"PHP\" String
5 Tutorial";
6 echo $message;
```

The status bar at the bottom indicates the cursor is at Line 4, Column 36, with 2 selected characters. It also shows the file encoding as UTF-8, the language as PHP, and the port as 5500.

To the right of the code editor is a browser window titled 'localhost/phpbasic/index.php'. The page displays the output of the PHP code: 'Hello there! This is "PHP" String Tutorial'.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is PHP String Tutorial";
5 echo strpos($message, "PHP");
6 // if (strpos($message, "PHP") !== FALSE) {
7
8 // }
```

21

This screenshot shows a development environment with two main windows. On the left is the Visual Studio Code editor, displaying an 'index.php' file with the following code:

```
<?php
// String
// "TechBowl Youtube channel"
$message = "Hello there! This is PHP String Tutorial";
echo strpos($message, "PHP");
// if (strpos($message, "PHP") !== FALSE) {
//
// }
```

The code uses standard PHP syntax, including strings, variables, and the `strpos` function. On the right is a web browser window titled 'localhost/phpbasic/index.php', which displays the output of the PHP script. The output is a single digit '21', indicating the position of the string 'PHP' within the provided message. The browser interface includes standard navigation buttons, a search bar, and a tab labeled 'localhost/phpbasic/index.php'. A small orange 'TIB' logo is visible in the bottom right corner of the image.

The screenshot shows a Visual Studio Code interface with two main panes. The left pane displays an `index.php` file containing the following PHP code:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is PHP String Tutorial";
5 echo strpos($message, "Hello");
6 // if (strpos($message, "PHP") !== FALSE) {
7
8 // }
```

The right pane shows the browser output at `localhost/phpbasic/index.php`, which displays the number `0`. A small orange square icon with the letters `TB` is visible in the bottom right corner of the browser window.

The image shows a split-screen environment. On the left is a dark-themed instance of Visual Studio Code. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, Help, and index.php - phpbasic - Visual Studio The left sidebar contains icons for file operations like Open, Save, Find, and Refresh. The main editor area displays the following PHP code:

```
1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is PHP String Tutorial";
5
6 if (strpos($message, "PHP") !== false) {
7     echo "Found";
8 }
9
```

At the bottom of the VS Code window, status indicators show Line 9, Col 1, Spaces: 4, LITE-8, CR/LF, PHP, Port: 5500, phpfmt, and a few other icons.

On the right is a browser window titled localhost/phpbasic/index.php. The address bar shows the URL. The page content is a single word: "Found".

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor with a file named "index.php". The code contains a PHP script that checks if the string "PHP5" is present in a variable \$message. If found, it outputs "Found"; otherwise, it outputs "not found". The browser output panel on the right shows the result of running the script, which is "not found".

```
index.php
index.php

1 <?php
2 // String
3 // "TechBowl Youtube channel"
4 $message = "Hello there! This is PHP String Tutorial";
5
6 if (strpos($message, "PHP5") !== false) {
7     echo "Found";
8 } else {
9     echo "not found";
10}
11
```

localhost/phpbasic/index.php

not found

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // String
3 $fileName = "profile.php";
4 $extension = substr($fileName, 8);
5 echo $extension;
6
```

localhost/phpbasic/index.php

php



In 3 Col 22 Spaces 4 UTE-8 CR LF PHP Port 5500 phnfmt

A screenshot of the Visual Studio Code interface. On the left, the code editor shows a file named `index.php` with the following content:

```
1 <?php
2 // String
3 $fileName = "profiledfds.jpg";
4 // $extension = substr($fileName, 8);
5 $extension = substr($fileName, strlen($fileName) - 3);
6 echo $extension;
7
```

The status bar at the bottom indicates the code is at Line 3, Column 29, with 4 spaces, using UTF-8 encoding, and running on port 5500. A yellow box highlights the number '7' in the status bar.

To the right, a browser window titled "localhost/phpbasic/index.php" displays the output "php". The browser's address bar also shows "localhost/phpbasic/index.php".



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
1 <?php
2 // String
3 $fileName = "profiledfds.jpg";
4 // $extension = substr($fileName, 8);
5 $extension = substr($fileName, strlen($fileName) - 3);
6 echo $extension;
7
```

localhost/phpbasic/index.php

jpg

This screenshot shows a development environment with two main panes. The left pane is a code editor for a file named 'index.php' in the 'phpbasic' workspace of Visual Studio Code. The code itself is as follows:

```
<?php
// String
$fileName = "profiledfds.jpg";
// $extension = substr($fileName, 8);
$extension = substr($fileName, strlen($fileName) - 3);
echo $extension;
```

The right pane shows the result of running this code in a web browser at 'localhost/phpbasic/index.php'. The output is simply the word 'jpg', indicating that the PHP script successfully extracted the file extension from the provided filename.

A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // String
3 // joining and splitting
4 $fruits = "apple, banana, orange";
5 echo $fruits;
6
```

The status bar at the bottom indicates the file is 16 lines long, has 1 space, and is using UTF-8 encoding. It also shows the current port is 5500 and the `phpfmt` extension is active.

To the right of the code editor is a browser window titled `localhost/phpbasic/index.php`. The page content is:

apple, banana, orange

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor with a file named "index.php". The code contains PHP code demonstrating string splitting:

```
1 <?php
2 // String
3 // joining and splitting
4 $fruits = "apple, banana, orange";
5 //explode string
6 $fruitsArr = explode(",", $fruits);
7
8 var_dump($fruitsArr);
```

On the right is a browser window titled "localhost/phpbasic/index.php" displaying the output of the code:

```
array(3) { [0]=> string(5) "apple" [1]=> string(7) "banana" [2]=> string(7) "orange" }
```

At the bottom of the VS Code interface, there is a status bar with the following information:

In 9 Col 1 Spaces:4 EITE-8 CR LF PHP Port: 5500 phpfmt ⌂ ⌂

```
index.php
1 <?php
2 // String
3 // joining and splitting
4 $fruits = "apple, banana, orange";
5 //explode string
6 $fruitsArr = explode(",", $fruits);
7 echo "<pre>";
8 print_r($fruitsArr);
9
```



localhost/phpbasic/index.php

```
Array
(
    [0] => apple
    [1] => banana
    [2] => orange
)
```



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // String
3 // joining and splitting
4 $languages = ["PHP", "C", "JAVA", "PYTHON"];
5 var_dump($languages);
6
```

The status bar at the bottom indicates the file is in line 6, column 1, with 4 spaces, using UTF-8 encoding, and running on port 5500.

On the right, a browser window titled "localhost/phpbasic/index.php" displays the output of the `var_dump` function:

```
array(4) { [0]=> string(3) "PHP" [1]=> string(1) "C" [2]=> string(4) "JAVA" [3]=> string(6) "PYTHON" }
```

The browser interface includes standard navigation buttons (back, forward, search), a tab for the current page, and a set of icons for sharing and other functions.

A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 // String
2 // joining and splitting
3 $languages = ["PHP", "C", "JAVA", "PYTHON"];
4 $langList = implode(", ", $languages);
5 var_dump($langList);
```

The status bar at the bottom indicates the code is on line 6, column 1, with 20 selected characters, and shows file statistics like 4 spaces, EOL-CR, and PHP.

On the right, a browser window displays the output of the PHP code: `string(20) "PHP, C, JAVA, PYTHON"`.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php X

index.php

```
1 // String
2 // joining and splitting
3 $languages = ["PHP", "C", "JAVA", "PYTHON"];
4 $langList = implode(", ", $languages);
5 echo $langList;
6
7 |
```

localhost/phpbasic/index.php

← → ⌂ ⓘ localhost/phpbasic/index.php ☆ ⚡ 🔍 📁 🛡 🏹 🎯 :

PHP, C, JAVA, PYTHON

This screenshot shows a development environment with two main panes. The left pane is a code editor for a file named 'index.php' containing PHP code. The code defines an array '\$languages' with four items: 'PHP', 'C', 'JAVA', and 'PYTHON'. It then uses the 'implode' function to join these elements with a space separator, and finally prints the result with 'echo'. The right pane is a web browser window displaying the output of the PHP code, which is 'PHP, C, JAVA, PYTHON'. The browser's address bar shows 'localhost/phpbasic/index.php'. The interface includes standard VS Code navigation and search icons on the left, and a status bar at the bottom with file information and other settings.

PHP GET & POST



PHP Tutorial for Beginners (Hindi)



There are two **HTTP request methods**

- **GET** – Requests data from a specified resource
- **POST** – Submits data to be processed to a specified resource



GET Method

The **GET** method sends the encoded user information appended to the page request.

- The GET method produces a long string that appears in your server logs, in the browser's location box.
- The GET method is restricted to send up to **1024** characters only.
- Never use GET method if you have password or other sensitive information to be sent to the server.
- GET can't be used to send binary data, like images or word documents, to the server.



GET Method

- The data sent by GET method can be accessed using **QUERY_STRING** environment variable.
- The PHP provides **\$_GET** associative array to access all the sent information using GET method.



POST Method

The **POST** method transfers information via **HTTP** headers.

- The POST method does not have any restriction on data size to be sent.
- The POST method can be used to send ASCII as well as binary data.
- The data sent by POST method goes through **HTTP header** so security depends on HTTP protocol. By using Secure HTTP you can make sure that your information is secure.
- The PHP provides **`$_POST`** associative array to access all the sent information using POST method.



PHP Functions



PHP Tutorial for Beginners (Hindi)



Function

- A **function** is a **block of code** written in a program to perform some specific task
- **Function** takes information as **parameter**, executes a block of statements or perform operations on this parameters and returns the result



Function

- Any name ending with an open and closed parenthesis is a function
- A function name always begins with the keyword function
- To call a function we just need to write its name followed by the parenthesis
- A function name cannot start with a number. It can start with an alphabet or underscore
- A function name is not case-sensitive



Function

```
function function_name () {  
    // block of statements  
}  
  
function_name();
```



Functions

- **Built-in functions** : PHP provides us with huge collection of built-in library functions. To use those we just need to call them as per our requirement. e.g. `var_dump()`, `fopen()`, `print_r()` etc.
- **User Defined Functions** : Using this we can create our own packages of code and use it wherever necessary by simply calling it.



A screenshot of the Visual Studio Code interface demonstrating a live preview feature for PHP code. On the left, the code editor shows a file named `index.php` with the following content:

```
1 <?php
2 // defining a function
3
4 function sayHello()
5 {
6     // function body
7     echo "Hello World";
8 }
9
10 // function calling
11 sayHello();
12
```

The status bar at the bottom indicates the code has 12 lines and is in column 1. To the right, a browser window titled `localhost/phpbasic/` displays the output: `Hello World`. A small orange square icon with the letters `TB` is visible in the bottom right corner of the browser window.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php ×
index.php > ...

```
1 <?php
2 // function with arguments
3
4 function add($num1, $num2)
5 {
6     $sum = $num1 + $num2;
7     return $sum;
8 }
9
10 add(4, 5); // arguments
11
```

In 10 Col 1 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚡ Prettier ⚡ ⚡

localhost/phpbasic/

9



Scanned with CamScanner

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php > add

```
1 <?php
2 // function with arguments
3
4 function add($num1, $num2) // parameters
5
6 {
7     $sum = $num1 + $num2;
8     return $sum; // return statement
9 }
10
11 $result = add(3, 5); // arguments
12 echo $result;
13
```

localhost/phpbasic/

← → C i localhost/phpbasic/ ☆ G fb d b t

8



In 4 Col 41 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚙️ Prettier ⚙️ ⚙️

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php > sum

```
1 <?php
2 // using ... token access variable arguments
3 function sum(...$numbers)
4 {
5     var_dump($numbers);
6 }
7
8 $result = sum(1, 3, 5);
9
```

localhost/phpbasic/

array(3) { [0]=> int(1) [1]=> int(3) [2]=> int(5) }



In 5 Col 24 Spacing: 4 UTF-8 CRLF PHP phnfmt ⚙️ Prettier ⚙️ ⚙️

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor containing an `index.php` file. The code defines a function `sum` that takes a variable number of arguments and returns their sum. It then calls this function with arguments 1, 3, and 5, and prints the result. On the right is a browser window showing the output of the PHP code execution.

```
index.php
<?php
// using ... token access variable arguments
function sum(...$numbers)
{
    $sum = 0;
    if (!empty($numbers)) {
        foreach ($numbers as $num) {
            $sum += $num;
        }
    }
    return $sum;
}

$result = sum(1, 3, 5);
echo 'Sum =' . $result;
```

localhost/phpbasic/ Sum =9

The screenshot shows a Visual Studio Code interface with a browser window integrated into the right-hand panel. The left side displays the file structure and the content of the `index.php` file. The right side shows the browser output.

File Explorer: Shows the project structure with `index.php` as the active file.

Code Editor: The `index.php` file contains the following PHP code:

```
1 <?php
2 // using ... token access variable arguments
3 function sum(...$numbers)
4 {
5     $sum = 0;
6     if (!empty($numbers)) {
7         foreach ($numbers as $num) {
8             $sum += $num;
9         }
10    }
11    return $sum;
12 }
13
14 $result = sum(1, 3, 5, 7, 9, 11);
15 echo 'Sum = ' . $result;
16
```

Terminal: Shows the command `index.php - phpbasic - Visual Studio Code`.

Output: The browser window at `localhost/phpbasic/` displays the output of the PHP code, which is `Sum = 36`.

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

```
// USING ... LOREN ACCESS VARIABLE ARGUMENTS
function sum(...$numbers)
{
    $sum = 0;
    if (!empty($numbers)) {
        foreach ($numbers as $num) {
            $sum += $num;
        }
    }
    return $sum;
}

//$result = sum(1, 3, 5, 7, 9, 11);
//echo 'Sum = ' . $result;

function add()
{
    $sum = 0;
    $args = func_get_args();
    var_dump($args);
}

$sum = add(4, 5, 6);
```

In 21 Col 21 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚡ Prettier ⚡ ⚡

localhost/phpbasic/

array(3) { [0]=> int(4) [1]=> int(5) [2]=> int(6) }



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
1     > foreach ($numbers as $num) {
2         $sum += $num;
3     }
4     return $sum;
5 }
6
7 // $result = sum(1, 3, 5, 7, 9, 11);
8 // echo 'Sum = ' . $result;
9
10 function add()
11 {
12     $sum = 0;
13     foreach (func_get_args() as $num) {
14         $sum += $num;
15     }
16     return $sum;
17 }
18
19 $sum = add(4, 5, 6);
20 echo $sum;
```

localhost/phpbasic/

15

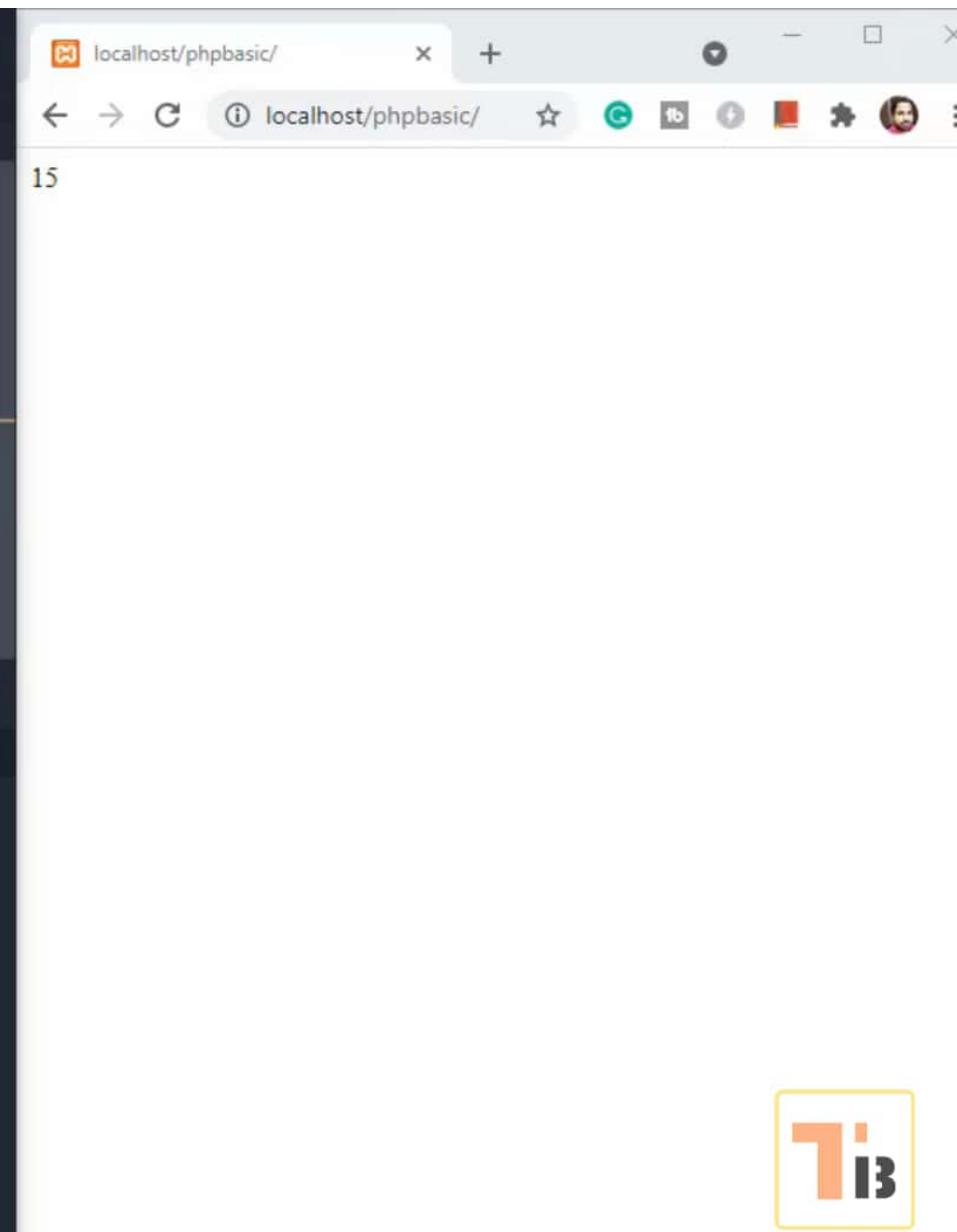


In 16 Col 1 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚙️ Prettier ⚙️ ⚙️

The screenshot shows a Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** index.php - phpbasic - Visual Studio ...
- Code Editor:** The main area contains the following PHP code:

```
1 <?php
2 // using ... token access variable arguments
3 function sum(...$numbers)
4 {
5     $sum = 0;
6     if (!empty($numbers)) {
7         foreach ($numbers as $num) {
8             $sum += $num;
9         }
10    }
11    return $sum;
12 }
13
14 // $result = sum(1, 3, 5, 7, 9, 11);
15 // echo 'Sum = ' . $result;
16
17 function add()
18 {
19     $sum = 0;
20     foreach (func_get_args() as $num) {
21         $sum += $num;
22     }
23     return $sum;
```
- Sidebar:** On the left, there are several icons: a file folder, a magnifying glass, a gear, and a person icon with a gear.
- Bottom Status Bar:** Line 13, Col 1, Spaces: 4, UTE-8, CRLF, PHP, phpmft, ⚡ Pretti...



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php > add

```
10     }
11     return $sum;
12 }
13
14 // $result = sum(1, 3, 5, 7, 9, 11);
15 // echo 'Sum = ' . $result;
16
17 function add()
18 {
19     $num_args = func_num_args();
20     echo $num_args;
21     die();
22     $sum = 0;
23     foreach (func_get_args() as $num) {
24         $sum += $num;
25     }
26     return $sum;
27 }
28
29 $sum = add(4, 5, 6);
30 echo $sum;
```

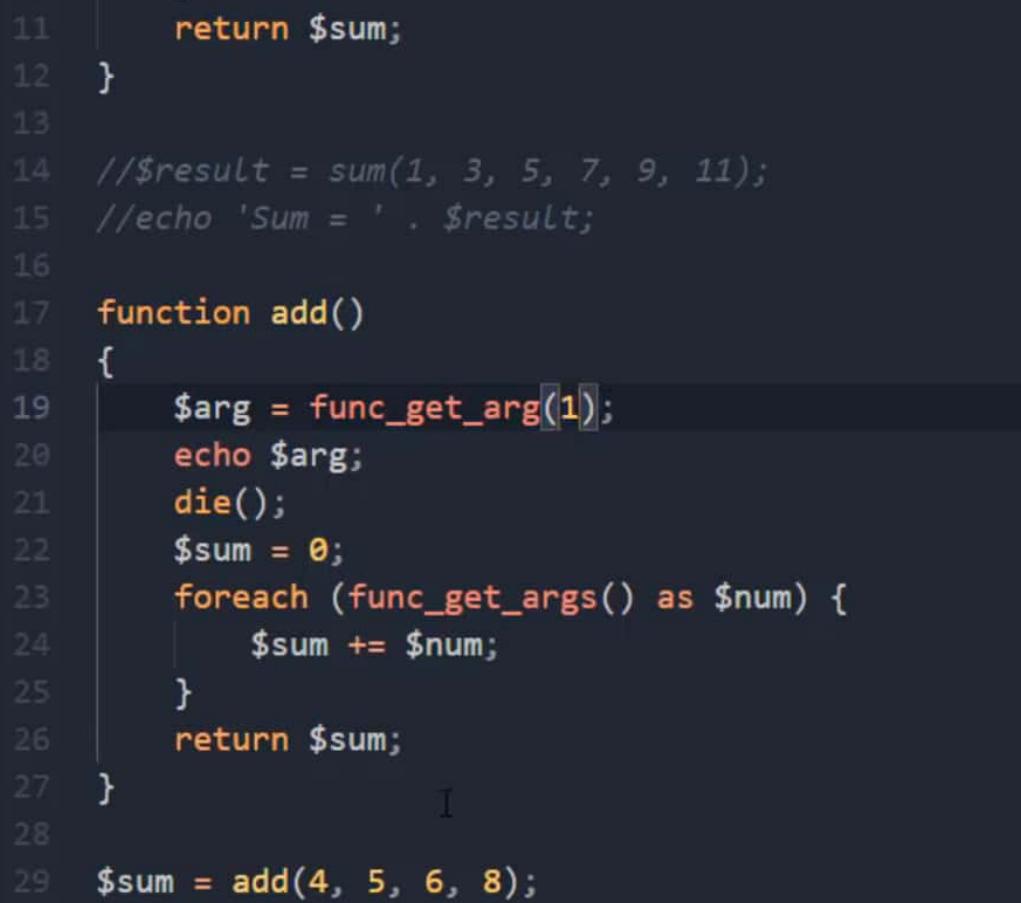
localhost/phpbasic/

← → C i localhost/phpbasic/ ☆ G fb d t b

3



In 21 Col 11 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚙️ Prettier ⚙️ ⚙️



The screenshot shows a Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** index.php - phpbasic - Visual Studio ...
- Code Editor:** The file index.php contains the following PHP code:

```
10     }
11     return $sum;
12 }
13
14 // $result = sum(1, 3, 5, 7, 9, 11);
15 // echo 'Sum = ' . $result;
16
17 function add()
18 {
19     $arg = func_get_arg(1);
20     echo $arg;
21     die();
22     $sum = 0;
23     foreach (func_get_args() as $num) {
24         $sum += $num;
25     }
26     return $sum;
27 }
28
29 $sum = add(4, 5, 6, 8);
30 echo $sum;
31
```
- Sidebar:** Includes icons for file operations (New, Open, Save, Find, Copy, Paste, Delete), a search bar, and a settings gear icon.
- Bottom Status Bar:** Line 19, Col 25, Spaces: 4, LITB: 8, CRLE: 1, PHP, phpbasic, ② Pretty, ③.

A screenshot of a web browser window. The address bar shows "localhost/phpbasic/" with a small orange icon to the left. Below the address bar, there are standard browser controls: back, forward, refresh, and a search bar with the placeholder "localhost/phpbasic/". The main content area of the browser displays the number "5". In the bottom right corner of the image, there is a yellow-bordered logo containing the letters "TIB" in orange and black.



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php > ...

```
1 <?php
2 // passing arguments by value and by reference
3
4 function show_message($msg)
5 {
6     $msg .= ", Nice to see you";
7     echo $msg;
8 }
9 $message = "Hello Dear";
10 show_message($message);
11
12 echo "</br>", $message;
13
```

localhost/phpbasic/

Hello Dear, Nice to see you
Hello Dear

In 11 Col 1 Spaces: 4 UTF-8 CRLF PHP phnfmt ⚡️ Prettier ⚡️ ⚡️



A screenshot of the Visual Studio Code interface. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // passing arguments by value and by reference
3
4 function show_message(&$msg)
5 {
6     $msg .= ", Nice to see you";
7     echo $msg;
8 }
9 $message = "Hello Dear";
10 show_message($message);
11
12 echo "</br>", $message;
13
```

The status bar at the bottom indicates the code is 4 lines long, 24 columns wide, and uses 4 spaces for indentation. It also shows tabs for CRLF, PHP, phpfmt, and Prettier.

On the right, a browser window titled `localhost/phpbasic/` displays the output of the PHP script:

Hello Dear, Nice to see you
Hello Dear, Nice to see you

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php > ...

```
1 <?php
2 // default argument values
3 function show_name($name, $prefix)
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Pankaj", "Mr.");
9 echo $username;
```

In 10 Col 1 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚙️ Prettier ⚙️ ⚙️

localhost/phpbasic/ Mr. Pankaj

A screenshot of the Visual Studio Code interface demonstrating a PHP script execution. On the left, the code editor shows an `index.php` file with the following content:

```
1 <?php
2 // default argument values
3 function show_name($name, $prefix = "Mr.")
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Pankaj");
9 echo $username;
10
```

The status bar at the bottom indicates the code is in Line 8, Column 31, with 4 spaces, using UTF-8 encoding, and the PHP language. A message "Waiting for cache..." is displayed in the status bar.

On the right, a browser window titled "localhost/phpbasic/" displays the output: "Mr. Pankaj". The browser interface includes standard navigation buttons, a search bar, and a tab labeled "localhost/phpbasic/".

The screenshot shows a Visual Studio Code interface with a dark theme. On the left, the code editor displays an `index.php` file containing the following PHP code:

```
1 <?php
2 // default argument values
3 function show_name($name, $prefix = "Mr.")
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Monika", "Mrs.");
9 echo $username;
```

The code defines a function `show_name` that takes two parameters: `$name` and `$prefix`. If `$prefix` is not provided, it defaults to "Mr.". The function returns the `$prefix` followed by a space and the `$name`. In the main block, the function is called with arguments "Monika" and "Mrs.", and the result is assigned to the variable `$username`, which is then echoed.

On the right, a browser window titled "localhost/phpbasic/" shows the output: "Mrs. Monika".



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php > ...

```
1 <?php
2 // default argument values
3 function show_name($name, $prefix = "Mr.")
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Monika");
9 echo $username;
```

localhost/phpbasic/

Mr. Monika

In 8 Col 31 Spaces: 4 UTF-8 CR LF PHP phnfmt ⚡ Prettier ⚡



Scanned with CamScanner

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is a sidebar with various icons. The main area displays a file named `index.php` with the following content:

```
1 <?php
2 // default argument values
3 function show_name($prefix = "Mr.", $name)
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Monika");
9 echo $username;
10
```

The code defines a function `show_name` with a default argument `$prefix`. It then calls this function with the argument `"Monika"` and outputs the result. A browser window titled `localhost/phpbasic/` is open to the right, showing the following error message:

Fatal error: Uncaught ArgumentCountError: Too few arguments to function show_name(), 1 passed in C:\xampp\htdocs\phpbasic\index.php on line 8 and exactly 2 expected in C:\xampp\htdocs\phpbasic\index.php:3 Stack trace: #0 C:\xampp\htdocs\phpbasic\index.php(8): show_name('Monika') #1 {main} thrown in C:\xampp\htdocs\phpbasic\index.php on line 3

A screenshot of the Visual Studio Code interface, showing a PHP file named `index.php` and its execution in a web browser.

The code in `index.php` is:

```
1 <?php
2 // default argument values
3 function show_name($name, $prefix = "Mr.")
4 {
5     return $prefix . " " . $name;
6 }
7
8 $username = show_name("Monika");
9 echo $username;
```

The browser window shows the output: `Mr. Monika`.



PHP GET & POST



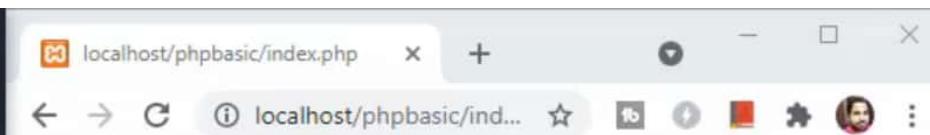
PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
3  ?>
4  <!DOCTYPE html>
5  <html lang="en">
6  <head>
7      <meta charset="UTF-8">
8      <meta http-equiv="X-UA-Compatible"
9          content="IE=edge">
10     <meta name="viewport"
11         content="width=device-width, initial-scale=1.0">
12     <title>GET Method</title>
13 </head>
14 <body>
15 <div class="container">
16     <form action="" method="GET">
17         <label for="name">Name</label>
18         <input type="text" name="name" id="name" value="">
19         <br>
20         <label for="email">Email</label>
21         <input type="text" name="email" id="email" value="">
22         <br>
23         <br>
24         <input type="submit" name="submitbtn" value="SUBMIT">
```



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php

```
3  ?>
4  <!DOCTYPE html>
5  <html lang="en">
6  <head>
7      <meta charset="UTF-8">
8      <meta http-equiv="X-UA-Compatible"
9          content="IE=edge">
10     <meta name="viewport"
11         content="width=device-width, initial-scale=1.0">
12     <title>GET Method</title>
13 </head>
14 <body>
15 <div class="container">
16     <form action="" method="GET">
17         <label for="name">Name</label>
18         <input type="text" name="name" id="name" value="">
19         <br>
20         <label for="email">Email</label>
21         <input type="text" name="email" id="email" value="">
22         <br>
23         <input type="submit" name="submitbtn" value="SUBMIT">
```

GET Method

Name

Email

SUBMIT

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x
index.php

```
content="IE=edge">
<meta name="viewport"
      content="width=device-width, initial-scale=1.0">
    <title>GET Method</title>
  </head>
  <body>
    <div class="container">
      <form action="" method="GET">
        <label for="name">Name</label>
        <input type="text" name="name" id="name" value="">
        <br>
        <br>
        <label for="email">Email</label>
        <input type="text" name="email" id="email" value="">
        <br>
        <br>
        <input type="submit" name="submitbtn" value="SUBMIT">
      </form>
    </div>
  </body>
</html>
```

GET Method

localhost/phpbasic/index.php

Name

Email

SUBMIT

Scanned with CamScanner

File Edit Selection View Go Run ... formaction.php - phpbasic - Visual Studio Code

index.php formaction.php x

formaction.php

```
1 <?php
2 if (!empty($_GET)) {
3
4     echo $_GET['email'];
5 }
6
```

MIT

①

Scanned with CamScanner





File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php formaction.php

```
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible"
content="IE=edge">
<meta name="viewport"
content="width=device-width, initial-scale=1.0">
<title>GET Method</title>
<style>
    .container { width:60%; margin:0 auto}
</style>
</head>
<body>
<div class="container">
<form action="formaction.php" method="GET">
<label for="name">Name</label>
<input type="text" name="name" id="name" value="">
<br>
<br>
<label for="email">Email</label>
<input type="text" name="email" id="email" value="">
<br>
<br>
<input type="submit" name="submitbtn" value="SUBMIT">
</form>
```

html>head... Line 13 Col 13 Spaces 4 UTF-8 CR LF PHP Port: 5500 phpfmt

The screenshot shows a Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, ...
- Title Bar:** formaction.php - phpbasic - Visual Studio...
- Code Editor:** The active file is "formaction.php". The code is as follows:

```
<?php  
if(isset($_GET) && $_GET['name']!=''){  
    echo $_GET['name'];  
}  
]
```
- Sidebar:** On the left, there are several icons: a folder (with a yellow circle containing the number 1), a magnifying glass, a gear, a search icon, and a refresh icon.
- Status Bar:** At the bottom, it shows "In 3 Col 1 Spaces: 4 UTF-8 CR/LF PHP Port: 5500 phfm" and some other small icons.



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x formaction.php

```
10 <meta charset="UTF-8">
11 <meta http-equiv="X-UA-Compatible"
12 content="IE=edge">
13 <meta name="viewport"
14 content="width=device-width, initial-scale=1.0">
15 <title>GET Method</title>
16 <style>
17   .container { width:60%; margin:0 auto}
18 </style>
19 </head>
20 <body>
21 <div class="container">
22 <!-- <form action=<?php echo htmlentities($_SERVER
23 ["PHP_SELF"]); ?>" method="POST"> -->
24 <form action="formaction.php" method="POST">
25 <label for="name">Name</label>
26 <input type="text" name="name" id="name" value="">
27 <br>
28 <br>
29 <label for="email">Email</label>
```

html>head>meta... Ln 11 Col 40 Spaces: 4 LITE-8 CR/LF PHP Port: 5500 phpfmt

GET Method

localhost/phpbasic/

Name pankaj

Email pankaj@gmail.com

SUBMIT



```
<?php
// $_REQUEST
if (!empty($_REQUEST)) {
    echo $_REQUEST['name'];
}
```

A screenshot of a web browser window. The address bar at the top shows the URL "localhost/phpbasic/formaction.php" with a small orange icon to its left. Below the address bar, the main content area displays the word "pankaj" in a black sans-serif font. The browser interface includes standard navigation buttons (back, forward, search) and a tab bar with other open tabs.



File Edit Selection View Go Run ...

formaction.php - phpbasic - Visual Stud...

index.php formaction.php x

formaction.php

```
1 <?php
2 if (!empty($_POST)) {
3
4     echo $_POST['name'];
5 }
6
```

localhost/phpbasic/formaction.p x +

← → C i localhost/phpbasic/for... ☆ fb ⚡ 🔍 🧩 📸 :

Pawan



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio Code

index.php X formaction.php

index.php

```
1 <?php
2 if (!empty($_POST)) {
3     echo $_POST['name'];
4 }
5
6 ?>
7 <!DOCTYPE html>
8 <html lang="en">
9 <head>
10    <meta charset="UTF-8">
11    <meta http-equiv="X-UA-Compatible"
12        content="IE=edge">
13    <meta name="viewport"
14        content="width=device-width, initial-scale=1.0">
15    <title>GET Method</title>
16    <style>
17        .container { width:60%; margin:0 auto}
18    </style>
19 </head>
20 <body>
21 <div class="container">
22 <form action=<?php echo htmlentities($_SERVER
23 ["PHP_SELF"]); ?>" method="POST">
```

GET Method

Ramesh

Name

Email

SUBMIT

File Edit Selection View Go Run Terminal ... • index.php - phpbasic - Visual Studio... — □ X

index.php formaction.php

index.php

```
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible"
13         content="IE=edge">
14     <meta name="viewport"
15         content="width=device-width, initial-scale=1.0">
16     <title>GET Method</title>
17     <style>
18         .container { width:60%; margin:0 auto}
19     </style>
20 </head>
21 <body>
22 <div class="container">
23 <form action="<?php echo htmlentities($_SERVER
24 ["PHP_SELF"]);?>" method="GET">
25     <label for="name">Name</label>
26     <input type="text" name="name" id="name" value="">
27     <br>
28     <br>
29     <label for="email">Email</label>
30     <input type="text" name="email" id="email" value="">
31     <br>
```

Console Sources Network Performance Memory Application

Styles Computed La

Filter :hov .cls

element.style { }

form { user agent s
display: block;
margin-top: 0em;
}

margin border padding - 206.391 × 135

HTML > body > div > form

File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php X formaction.php

index.php

```
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible"
13         content="IE=edge">
14     <meta name="viewport"
15         content="width=device-width, initial-scale=1.0">
16     <title>GET Method</title>
17     <style>
18         .container { width:60%; margin:0 auto}
19     </style>
20 </head>
21 <body>
22 <div class="container">
23 <form action="php echo $_SERVER["PHP_SELF"] ?"
24     method="GET">
25     <label for="name">Name</label>
26     <input type="text" name="name" id="name" value="">
27     <br>
28     <br>
29     <label for="email">Email</label>
30     <input type="text" name="email" id="email" value="">
31     <br>
```

html>body>div>form Line 21 Col 44 Spaces: 4 LITE-8 CR/LF PHP Port: 5500 phpfmt

GET Method

localhost/phpbasic/?n...

ramesh@gmail.com

Name

Email

SUBMIT



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x formaction.php

index.php

```
1 <?php
2 if (!empty($_GET)) {
3
4     echo $_GET['email'];
5 }
6
7 ?>
8 <!DOCTYPE html>
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible"
13         content="IE=edge">
14     <meta name="viewport"
15         content="width=device-width, initial-scale=1.0">
16     <title>GET Method</title>
17     <style>
18         .container { width:60%; margin:0 auto}
19     </style>
20 </head>
21 <body>
22 <div class="container">
23 <form action="" method="GET">
```

GET Method

localhost/phpbasic/?n...

ramesh@gmail.com

Name

Email

SUBMIT

TB

File Edit Selection View Go Run Terminal ... • index.php - phpbasic - Visual Studio...

index.php 1 formaction.php

```
index.php
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible"
13         content="IE=edge">
14     <meta name="viewport"
15         content="width=device-width, initial-scale=1.0">
16     <title>GET Method</title>
17     <style>
18         .container { width:60%; margin:0 auto}
19     </style>
20 </head>
21 <body>
22 <div class="container">
23 <form action="=php echo $_SERVER['']?&gt;" method="GET"&gt;
24 &lt;label for="name"&gt;Name&lt;/label&gt;
25 &lt;input type="text" name="name" id="name" value=""&gt;
26 &lt;br&gt;
27 &lt;br&gt;
28 &lt;label for="email"&gt;Email&lt;/label&gt;
29 &lt;input type="text" name="email" id="email" value=""&gt;
&lt;br&gt;
&lt;br&gt;</pre

html>body>div>form... Ln 21 Col 36 Spaces: 4 LITE-8 CR/LF PHP Port: 5500 phpfmt


```

GET Method

localhost/phpbasic/?n...

ramesh@gmail.com

Name

Email

SUBMIT



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x formaction.php

index.php

```
1 <?php
2 // GET and POST
3 ?>
4 <!DOCTYPE html>
5 <html lang="en">
6 <head>
7     <meta charset="UTF-8">
8     <meta http-equiv="X-UA-Compatible"
9         content="IE=edge">
10    <meta name="viewport"
11        content="width=device-width, initial-scale=1.0">
12    <title>GET Method</title>
13    <style>
14        .container { width:60%; margin:0 auto}
15    </style>
16 </head>
17 <body>
18 <div class="container">
19 <form action="formaction.php" method="GET">
20 <label for="name">Name</label>
21 <input type="text" name="name" id="name" value="">
22 <br>
23 <br>
```

localhost/phpbasic/formaction.php

pankaj@gmail.com

PHP File Inclusion



PHP Tutorial for Beginners (Hindi)



PHP File Upload



PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help index.php - phpbasic - Visual Studio ...

index.php x

index.php

```
1 <?php
2 if (isset($_POST['submit'])) {
3     echo "<pre>";
4     print_r($_FILES);
5 }
6 ?>
7
8 <!DOCTYPE html>
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible"
13         content="IE=edge">
14     <meta name="viewport"
15         content="width=device-width, initial-scale=1.0">
16     <title>File Upload</title>
17 </head>
18 <body>
19     <form method="POST" action="" enctype="multipart/
form-data">
20         <input type="file" name="filename" /> <input
21             type="submit" name="submit" value="SUBMIT" />
22     </form>
```

File Upload

localhost/phpbasic/

Array

(

[filename] => Array

(

[name] => UP-Board-exam-result.jpg

[type] => image/jpeg

[tmp_name] => C:\xampp\tmp\phpC66D.tmp

[error] => 0

[size] => 91350

)

Choose File No file chosen

SUBMIT

File Edit Selection View Go Run Terminal Help

index.php - phpbasic - Visual Studio Code

index.php

```
10 if (!in_array($file_extn, $allowedExtns)) {
11     $errors[] = "Invalid file extension. Only jpg, ...
12 }
13
14 if ($file_size > 2097152) {
15     $errors[] = "File size should not be greater than ...
16 }
17
18 if (empty($errors)) {
19     $destination = getcwd() . "/uploads/" . $fileName;
20
21     if (move_uploaded_file($file_tmp, $destination))
22         echo "File uploaded successfully!";
23     } else {
24         echo "File couldn't be uploaded";
25     }
26 } else {
27     echo "<pre>";
28     print_r($errors);
29 }
30 }
31 ?>
32 
```

File Upload

localhost/phpbasic/

Choose File No file chosen SUBMIT

```
index.php
index.php
1 <?php
2 if (isset($_POST['submit'])) {
3     $errors = [];
4     $fileName = $_FILES['filename']['name'];
5     $file_tmp = $_FILES['filename']['tmp_name'];
6     $file_size = $_FILES['filename']['size'];
7     $arr = explode('.', $fileName);
8     $file_extn = strtolower(end($arr));
9
10    $allowedExts = ["jpg", "jpeg", "png"];
11    if (!in_array($file_extn, $allowedExts)) {
12        $errors[] = "Invalid file extension. Only
13        jpg, jpeg and png allowed";
14    }
15
16    if ($file_size > 2097152) {
17        $errors[] = "File size should not be greater
18        than 2 MB";
19    }
20
21    if (empty($errors)) {
22        $destination = getcwd() . "/uploads/" .
23            $file_extn;
24        move_uploaded_file($file_tmp, $destination);
25    }
26}
```

File uploaded successfully!

Choose File No file chosen

SUBMIT

PHP File & I/O



PHP Tutorial for Beginners (Hindi)



The screenshot shows a code editor on the left and a browser window on the right. The code editor has two tabs: 'index.php' and 'index.php'. The content of the code editor is:

```
1 <?php
2 // file I/O
3 /*
4 - opening a file
5 - Reading a file
6 -Writing a file
7 -Closing a file
8 */
9 */
10 $fileName = "docs/content.txt";
11 $file = fopen($fileName, 'w');
12 if ($file == false) {
13 echo "There is some error in file opening";
14 }
15 $filecontent = "Lorem ipsum dolor sit amet
consectetur adipisicing elit. In fuga laboriosam eos,
nostrum soluta harum asperiores, voluptas eveniet
odio veniam esse est libero aliquam officiis. Sint
voluptatibus tenetur asperiores eos?";
16 fwrite($file, $filecontent);
17 fclose($file);
18 */
```

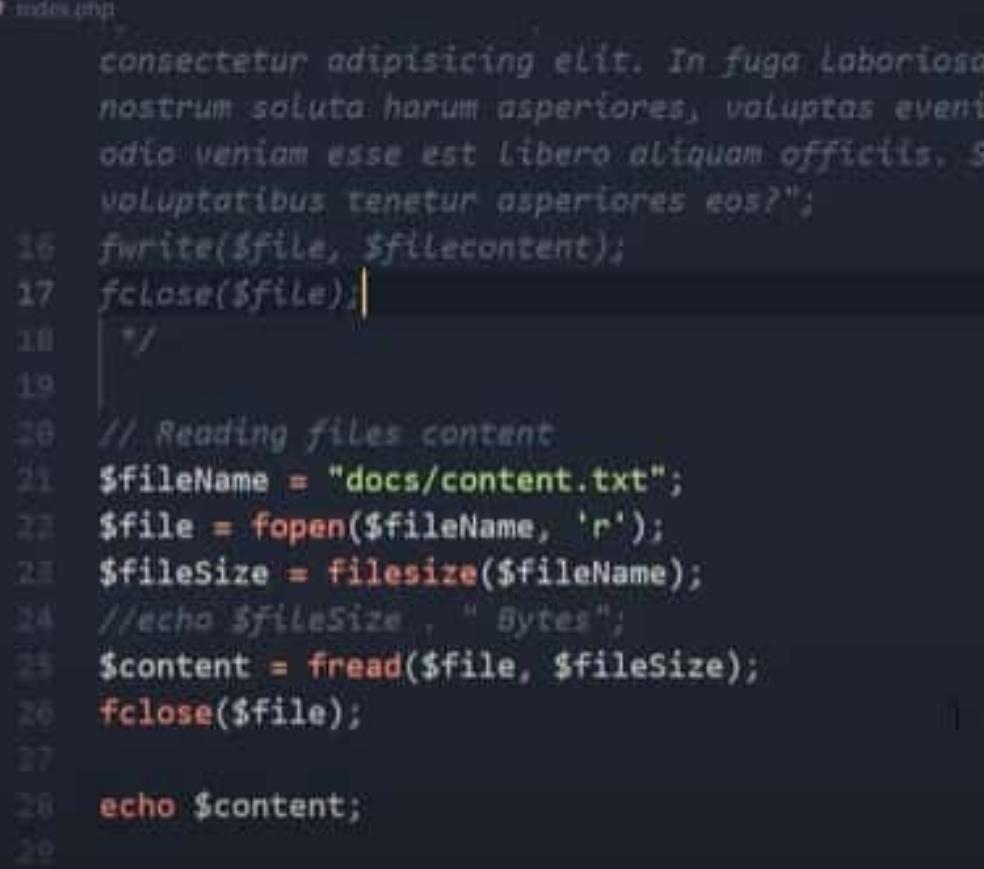
The browser window title is 'localhost/phpbasic/'. The page content is:

PHP code output:
There is some error in file opening
Lorem ipsum dolor sit amet
consectetur adipisicing elit. In fuga laboriosam eos,
nostrum soluta harum asperiores, voluptas eveniet
odio veniam esse est libero aliquam officiis. Sint
voluptatibus tenetur asperiores eos?

The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the Explorer sidebar with icons for files, folders, search, and other development tools. The main editor area contains a PHP script named `index.php`. The code demonstrates basic file operations:

```
1 <?php
2 // file I/O
3 /*
4 - opening a file
5 - Reading a file
6 -Writing a file
7 -Closing a file
8 */
9
10 $fileName = "docs/content.txt";
11 $file = fopen($fileName, 'w');
12 if ($file == false) {
13     echo "There is some error in file opening!";
14 }
15 $filecontent = "This is file content for PHP File i/o";
16 fwrite($file, $filecontent);
17 fclose($file);
18
```

Below the editor, the status bar shows the file is 18 lines long, at column 1, with 4 spaces, in UTF-8 encoding, using CRLF line endings, and prettier formatted. To the right of the editor is a browser window showing the output of the PHP script: a blank white page with the URL `localhost/phpbasic/`.



The screenshot shows a Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help, index.php - phpbasic - Visual Studio ..
- Left Sidebar:** Icons for Find, Replace, Go To, and other file operations.
- Current File:** index.php (highlighted)
- Code Editor:** Contains PHP code with line numbers 16 through 29. The code includes file reading and writing operations, as well as an echo statement.

```
15     consectetur adipisicing elit. In fuga laboriosam eos,  
16     nostrum soluta harum asperiores, voluptas eveniet  
17     odio veniam esse est libero aliquam officiis. Sint  
18     voluptatibus tenetur asperiores eos?";  
19     fwrite($file, $filecontent);  
20     fclose($file);  
21     /*  
22      // Reading files content  
23      $fileName = "docs/content.txt";  
24      $file = fopen($fileName, 'r');  
25      $fileSize = filesize($fileName);  
26      //echo $fileSize . " Bytes";  
27      $content = fread($file, $fileSize);  
28      fclose($file);  
29  
30      echo $content;
```

A screenshot of a web browser window. The address bar shows "localhost/phpbasic/" with a small orange icon to the left. The main content area contains the Latin placeholder text "Lorem ipsum dolor sit amet consectetur adipisicing elit. In fuga laboriosam eos, nostrum soluta harum asperiores, voluptas eveniet odio veniam esse est libero aliquam officiis. Sint voluptatibus tenetur asperiores eos?". The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with various icons.

PHP Cookies



PHP Tutorial for Beginners (Hindi)



The screenshot shows a Visual Studio Code interface with a dark theme. On the left is the code editor containing an `index.php` file. The code is as follows:

```
1 <?php
2 // Cookies
3 // set a cookie
4 //setcookie("name", "pankaj", time() + 3600);
5 //setcookie("age", 35, time() + 3600);
6
7 // get/access cookies
8 if (isset($_COOKIE['name'])) {
9     echo "Hello, " . $_COOKIE['name'];
10 }
11
12 // delete cookie
13 setcookie("name", "pankaj", time() + 3600);
14
```

On the right is a browser window titled "localhost/phpbasic/" showing the output: "Hello, pankaj". The browser has a standard toolbar with back, forward, and search buttons.

The screenshot shows a Visual Studio Code interface with a dark theme. On the left, the Explorer sidebar is visible with icons for files, folders, search, and other development tools. The main editor area displays the file `index.php` containing the following PHP code:

```
1 <?php
2 // Cookies
3 // set a cookie
4 //setcookie("name", "pankaj", time() + 3600);
5 //setcookie("age", 35, time() + 3600);
6
7 // get/access cookies
8 if (isset($_COOKIE['name'])) {
9     echo "Hello, " . $_COOKIE['name'];
10 }
11
12 // delete cookie
13 setcookie("name", "pankaj", time() - 3600);
14
```

At the bottom of the editor, status bar information includes: Line 13 Col 37, Spaces: 4, UTF-8, CR LF, PHP, phnfmt, ⚡ Prettier, ⚡ D.

To the right of the editor is a browser window titled "localhost/phpbasic/" showing the output of the PHP script. The browser interface includes standard navigation buttons (back, forward, search) and a tab bar. A watermark for "TIB" is visible in the bottom right corner of the browser window.

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The screenshot shows a code editor window with a dark theme. On the left, there's a sidebar with icons for file operations like Open, Save, Find, and Refresh. The main area displays a PHP script named 'index.php'. The code sets three cookies ('Cookie One', 'Cookie Two', and 'Cookie Three') and then prints their contents using the `print_r` function if they exist in the `$_COOKIE` superglobal array.

```
index.php
index.php

1 <?php
2 // Cookies
3
4 // set cookie arrays
5 setcookie("cookie[one]", "Cookie One");
6 setcookie("cookie[two]", "Cookie Two");
7 setcookie("cookie[three]", "Cookie Three");
8
9 if (isset($_COOKIE["cookie"])) {
10     echo "<pre>";
11     print_r($_COOKIE["cookie"]);
12 }
13
```

The screenshot shows a web browser window with the URL 'localhost/phpbasic/'. The page content is an array of cookies:

```
Array
(
    [one] => Cookie One
    [two] => Cookie Two
    [three] => Cookie Three
)
```

PHP Sessions



PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help index.php.phpbasic - Visual Studio Code

index.php * php.ini

index.php

```
1 <?php
2 session_start();
3
4 if (isset($_SESSION['visit_counter'])) {
5
6     $_SESSION['visit_counter'] += 1;
7 } else {
8
9     $_SESSION['visit_counter'] = 1;
10 }
11
12 $message = "You have visited this page " . $_SESSION['visit_counter'] . " in this session";
13 echo $message;
14
```

4:56:11 / 10:43:15 • PHP-Sessions

Scanned with CamScanner

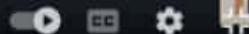
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index.php session2.php * php.ini

```
session2.php - phpbasic - Visual Studio Code
index.php session2.php * php.ini
session2.php
1 <?php
2 session_start();
3
4 if (isset($_SESSION['user'])) {
5     "Welcome, " . $_SESSION['user'];
6 }
7
8
```



4:59:22 / 10:43:15 • PHP - Sessions >



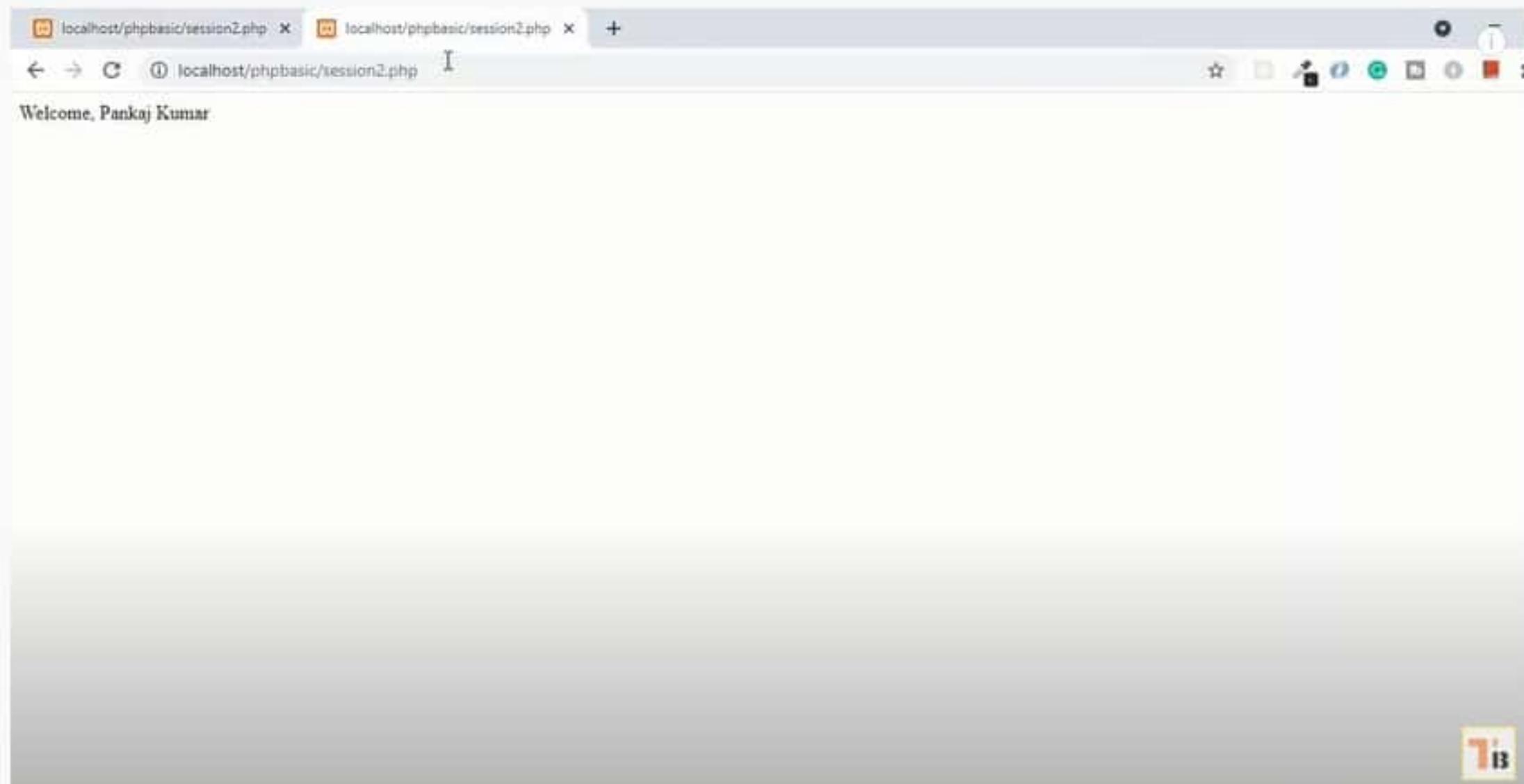
File Edit Selection View Go Run Terminal Help

index.php - phpbasic - Visual Studio Code

index.php X session2.php * phpini

```
1 <?php
2 session_start();
3
4 $_SESSION['user'] = "Pankaj Kumar";
5
6 header('location:/phpbasic/session2.php');|
```





PHP Tutorial for Beginners in Hindi | PHP Tutorial with MySQL Project [Full Course]



index.php session2.php * php.ini

```
index.php
1 <?php
2 session_start();
3
4 // delete session variable
5
6 unset($_SESSION['visit_counter']);
7
8 echo "<pre>";
9 print_r($_SESSION);
10
```



5:01:11 / 10:43:15 • PHP - Sessions >



File Edit Selection View Go Run Terminal Help index.php nlobasic - Visual Studio Code

index.php session2.php * php.ini

index.php

```
1 <?php
2 session_start();
3
4 $_SESSION['couse'] = "MCA";
5
6 echo "<pre>";
7 print_r($_SESSION);
8
```

⑧

5:01:42 / 10:43:15 • PHP - Sessions ▾

TB

i ⏱ ↗

File Edit Selection View Go Run Terminal Help

index.php - phpbasic - Visual Studio Code

index.php session2.php * php.ini

index.php

```
1 <?php
2 session_start();
3
4 //$_SESSION['course'] = "MCA";
5 session_destroy(); |
6
7 echo "<pre>";
8 print_r($_SESSION);
9
```

5:02:16 / 10:43:15 • PHP - Sessions

Scanned with CamScanner

File Edit Selection View Go Run Terminal Help

index.php - phpbasic - Visual Studio Code



index.php X session2.php * phpbin

```
index.php
1 <?php
2 session_start();
3
4 //$_SESSION['cause'] = "MCA";
5 unset($_SESSION['cause']); // single session variable
6 session_destroy(); // destroy all the session variables
7
8 echo "<pre>";
9 print_r($_SESSION);
10
```



PHP Database Connection



PHP Tutorial for Beginners (Hindi)



File Edit Selection View Go Run Terminal Help

index.php - phpbasic - Visual Studio Code

index.php session2.php phasic

```
<?php
$host = "localhost";
$db_user = "root";
$db_password = "";
$db_name = "phpbasicdb";
$conn = mysqli_connect($host, $db_user, $db_password, $db_name) or die("Connection Error: " .
mysqli_connect_error());

if ($conn) {
    $sql = "SELECT * FROM `students`";
    $results = mysqli_query($conn, $sql);
    while ($row = mysqli_fetch_assoc($results)) {
        echo $row['stu_name'], " : ", $row['course'], "<br>";
    }
}
```

