

# PHP & Laravel

## (Class Homework-04)

### What is Echo in PHP?

In PHP, Echo acts as a statement that is used to show the output. It does not return any value and has the ability to pass multiple strings split by comma (,) in echo. We can use the Echo statement with and without parentheses, which is faster.

### What is Print in PHP?

In PHP, the Print statement is also used to show the output. We can use it as an alternative to Echo. However, it is slower than Echo and returns an integer value of 1. Also, in the Print statement, we cannot pass multiple arguments.

### Difference Between Echo & Print.

Echo php	Print php
1 . In Echo, we can pass multiple arguments separated by commas. Example: <code>echo "MY", "Name", "Dipto";</code>	1 . In Print, we cannot pass multiple arguments.
2 . It never returns any value.	2 . It always returns the integer value that is 1.
3 . In Echo, we can exhibit the outputs of one or more strings separated by commas.	3 . Through the Print statement, we can only show the strings.
4 . echo is faster than print statement.	4 . print is slower than echo statements.

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Difference between single quote vs double quote php.

	Single-Quoted Strings	Double-Quoted Strings
1.	It is a way to specify a string in PHP	It is also a way to specify a string in PHP
2.	Syntax -: <b>'string'</b>	Syntax -: <b>"string"</b>
3.	In Single-Quoted strings, the Escape sequence does not expand	In Double-Quoted strings, the Escape sequence expands.
4.	In Single-Quoted strings, the variable's name does not expand	In Double-Quoted strings, the variable's name also expands
5.	Example -: <b>'laravel'</b>	Example -: <b>"laravel"</b>

Single Quoted Example:

```
59  ?>
60  <?php
61
62  // A simple string
63  echo 'This man name shuvo. ';
64  echo"\n";
65
66  // use of back-slash to display string with apostrophe
67  echo 'It\'ll be interesting to know about the string. ';
68  echo"\n";
69
70
71  ?>
72
73
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
This man name shuvo.
It'll be interesting to know about the string.
```

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Dept. of Computer Science & Engineering.

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### Double Quoted Example:

```
60  <?php
61
62  // A simple string.
63  echo "This Man name Shuvo.";
64
65  echo"\n";
66
67  // Nothing extra is needed here
68  echo "It'll be interesting to know about the string.";
69
70  echo"\n";
71
72  ?>
73
74
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
This Man name Shuvo.
It'll be interesting to know about the string.
```

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### Difference Heredoc and Nowdoc php.

#### Heredocs :

1. **heredocs** text behaves just like a double-quoted string, without the double quotes.
2. Quotes in a **heredoc** do not need to be escaped, but the escape codes **\n linefeed, \r carriage return, \t horizontal tab, \v vertical tab, \e escape, \f form feed, \backslash, \\$ dollar sign, \" double-quote** can still be used. Variables are expanded, but the same care must be taken when expressing complex variables inside a **heredoc** as with strings.

Exampole:

```
62  <?php
63
64  $age=23;
65  $learn='php and leravel';
66  echo $text = <<< TEXT
67  MY name Dipto.
68  Dept. of computer Science & Engineering.
69  My age $age.
70  I am learn $learn.
71  TEXT;
72  ?>
73
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
MY name Dipto.
Dept. of computer Science & Engineering.
My age 23.
I am learn php and leravel.
```

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### Nowdocs :

1. **nowdocs** text behaves just like a single-quoted string, without the single quotes.
2. Quotes in a **nowdocs** do not need to be escaped. Variables are not expanded in it. Advantage of **nowdocs** is embedding PHP code and escape codes without the need for escaping.

Example:

```
62  <?php
63
64  $age=23;
65  $learn='php and laravel';
66  echo $text = <<< 'TEXT'
67  MY name Dipto.
68  Dept. of computer Science & Engineering.
69  My age /$age.
70  I am learn $learn.
71  TEXT;
72  ?>
73
```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

```
MY name Dipto.
Dept. of computer Science & Engineering.
My age /$age.
I am learn $learn.
```

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