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ABC or Introduction of PHP

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What is PHP ?

The PHP Hypertext Preprocessor is a programming language provides a power to web developers for creating dynamic contents that interacts with databases. Basically, it is using for build web based software.

PHP is very common because it has a relatively simple architecture compared to other MVC based web frameworks (Python, Ruby, node.js, etc).

Basics of PHP

For writing PHP code, the file extension should be .php. PHP script will be start with `<?php` and should be ends with `?>`. Every statement will be ends with a semicolon in php.

Variable :

variable is like a space to store data. Data can be string, number, character or anything. After declaring a variable and assigning data, The stored data can be reused anytime. Variables value can be changed over the course of a script.

```
$email = "abc@xyz.com";
```

```
$prime_number = 17;
```

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Here, a variable named "email" is declared and assigned with the value "abc@xyz.com" without cotation.And same thing happened to \$prime_number.

Naming Conventions for PHP Variables

These are the following rules for naming a PHP variable:

- All variables in PHP start with a \$ sign, followed by the name of the variable.
- A variable name must start with a letter or the underscore character _ .
- A variable name cannot start with a number.
- A variable name in PHP can only contain alpha-numeric characters and underscores (A-z , 0-9 , and _).
- A variable name cannot contain spaces.
- variables are case sensitive

PHP Data Types

Variables can store data of different types, and different data types can do different things.

PHP supports the following data types:

- String
- Integer
- Float (floating point numbers - also called double)
- Boolean
- Array
- Object
- NULL
- Resource

We will know the details about it in upcoming class.

Decission making by if else statements

```
if (condition) {
    code to be executed if this condition is true;
} elseif (condition) {
    code to be executed if this condition is true;
} else {
```



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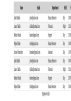


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```
    code to be executed if all conditions are false;
}
```

#Example

```
<?php

    $age = 34;

    if ( $age < 18  ){

        echo "Sorry, You are not eligible to get
Driving liceince";

    }else{

        echo "Welcome, You are eligible to get
driving licience";

    }

?>
```

PHP Function

To see function please click here (https://www.w3schools.com/php/php_functions.asp)

PHP Login System code

Login (http://farhad-hossain.com/farhad/public/assets/files/php_login.zip)

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