Object-Oriented Programming in PHP

Course code: INTPH_OOP

 This course is intended for developers who already have programming in PHP have some experience and want their ability to move on coping now almost essential object-oriented programming. The course discussed how the principles of object-oriented programming in general, and their proper application in PHP that lets you creating scalable and long term maintainable web applications.

What we teach you:
- Basic principles of OOP in general
- Using object-oriented PHP
- OOP principles production quality code

Required skills:
- To get the training took as much as needed to control at least the basics of procedural PHP - variable field conditions, loops, functions, etc.
- Knowledge required, you can check the following exercises that you should manage without hesitation:
- Create a variable
- $ items
- and place in the field multiple values.
- Create a function
- PrintHTML ($ data)
- , which receives the field, and it lists its value as a bulleted list in HTML.
- Try the call to
- PrintHTML ()
- and give it a variable
- $ items
- .
- Treat breeding function
- PrintHTML ()
- for an empty field

Teaching methods:
- Professional explanation with practical samples and examples.

Teaching materials:
- Powerpoint handouts and module printouts.

Course syllabus:
Basic principles of OOP:
- Encapsulation
- Polymorphism
- Composition
- Heredity
- The exception handling

Using principles of OOP in PHP:
- Interface
- Static methods
- Abstract classes and methods
- Autoloading
- Type hinting

- Magical Methods
- Design Patterns

News in new versions of PHP
- Namespaces
- Traits
- Generators
- Anonymous functions (closures)
- Correct work with passwords
- News in PHP 7