

PHP Developer

Course Contents

- 1 Introduction to Web Development with PHP
The architecture of a web application
- 2 How to code a PHP application
Basic PHP skills, How to get data from a request. How to work with data. How to use the PHP documentation
- 3 How to code control statements
How to code conditional expressions. How to code the selection structures. How to code the iteration structures
- 4 How to work with strings and numbers
How to work with strings. How to work with numbers. Other skills for working with strings and numbers
- 5 How to work with dates
How to use timestamps to work with dates. How to use objects to work with dates
- 6 How to create and use arrays
How to create and use an array. How to create and use an associative array. How to use functions to work with arrays. How to work with array of arrays
- 7 How to create and use functions
Basic skills for working with functions. How to create and use namespaces. Advanced skills for working with functions
- 8 How to work with cookies and sessions
How to work with cookies. How to work with sessions.
- 9 How to work with form data
How to get data from a form. How to display data on a web page
- 10 How to use regular expressions, handle exceptions, and validate data
How to use regular expressions. How to handle exceptions
- 11 How to design a database
How to design a data structure. How to normalize a data structure. A database design tool
- 12 Introduction to relational database with MySQL
An introduction to relational database. The SQL statements for data manipulation. An introduction to MySQL. How to use phpMyAdmin
- 13 How to use SQL to create a MySQL database
How to work with databases. How to work with tables. How to work with indexes. How to work with users and privileges. Other skills for creating a databases
- 14 How to use SQL to work with a MySQL database

- How to select data from a single table.How to select data from multiple tables.How to code summary queries.How to code sub-queries. How to insert, update, and delete rows
- 15 Professional PHP for working with MySQL
 - Three ways to use PHP to work with MySQL.How to work with PDO.How to work with mysqli
- 16 How to use PHP with a MySQL database
 - PHP for working with MySQL.How to get data from a result set
- 17 Working with PHP services
 - SOAP.REST
- 18 How to Use the MVC pattern to organize your code
 - How to use the MVC pattern
- 19 Object-oriented Programming concept with PHP
 - How to create and use classes.How to code class constants, properties, and methods.Working with objects.How to work with inheritance
- 20 How to test and debug a PHP application
 - An introduction to testing and debugging.How to debug with xDebug and Netbeans
- 21 A database-driven web site
 - How to work with large text columns
- 22 How to create secure web sites
 - How to use a secure connection.How to use authentication.How to work with encrypted data
- 23 How to send email and access other web sites
 - How to send email.How to get data from other servers