



Perfect & Easy Solution

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## Basic PHP Course Outline

| Course Details   |                             |
|--|-----------------------------|
| <b>Total Five Part of This Course:</b>   | Total Class: 20             |
| <ul style="list-style-type: none"><li>• Introduction to PHP, MySQL, WordPress</li><li>• Flow control and array</li><li>• MySQL database</li><li>• WordPress development</li><li>• Complete project</li></ul> | Total Hours (3x20): 60      |
|  | Days: 3 Days of Every Week  |
|  | Registration Fess 15,000 TK |

\*\*\* Discount 10% for instant admission

\*\*\* Discount 10% for full payment

| <b>Classes</b> | <b>Title</b>                       | <b>Description</b>   |
|----------------|------------------------------------|--|
| 1              | Introduction                       | <ul style="list-style-type: none"> <li>i. Introduction</li> <li>ii. About PHP</li> <li>iii. How work PHP with website</li> <li>iv. IDE descriptions</li> <li>v. Tools</li> <li>vi. Create environment to developing PHP</li> <li>vii. PHP syntax</li> <li>viii. "Hello world" Example (PHP echo)</li> </ul>                  |
| 2              | Basic PHP                          | <ul style="list-style-type: none"> <li>i. PHP statement</li> <li>ii. PHP comment</li> <li>iii. PHP function</li> <li>iv. PHP variable</li> <li>v. PHP operators</li> <li>vi. Combination of HTML, CSS , JavaScript with PHP</li> <li>vii. Use of single quote and double quote</li> </ul>                                    |
| 3              | Flow control<br>(Condition & Loop) | <ul style="list-style-type: none"> <li>i. if, if...else, if.....elseif.....else</li> <li>ii. Switch .... Case.... Default</li> <li>iii. For loop</li> <li>iv. While loop</li> <li>v. Foreach loop</li> </ul>   |
| 4              | Array & String                     | <ul style="list-style-type: none"> <li>i. Initializing array</li> <li>ii. Reading from array</li> <li>iii. Initializing associative array</li> <li>iv. Initializing two-dimensional array</li> <li>v. Reading from two-dimensional array</li> </ul>  |
| 5              | Array & String                     | <ul style="list-style-type: none"> <li>vi. Array manipulation function</li> <li>vii. String manipulation function</li> <li>viii. Strip Tag with PHP</li> <li>ix. Object in PHP</li> <li>x. PHP encryption</li> </ul>   |
| 6              | Database (MySQL)                   | <ul style="list-style-type: none"> <li>xi. Introduction of database</li> <li>xii. Why use database</li> <li>xiii. How to create database</li> <li>xiv. How to create database table</li> <li>xv. How to create database and database table with PHP</li> <li>xvi. Database query (select, insert, delete, update)</li> </ul> |
| 7              | Database (MySQL)                   | <ul style="list-style-type: none"> <li>xvii. Database function</li> <li>xviii. Database sorting, limit, etc</li> </ul>   |
| 8              | HTML form                          | <ul style="list-style-type: none"> <li>i. Connect PHP file with HTML file</li> </ul>   |

|    |  |   |
|----|--|---|
|    | Submission                               | ii. Form validation with PHP<br>iii. File upload with PHP   |
| 9  | Overview                                 | i. Overview of all previous class   |
| 10 | Test Project                             | i. Developing a test project  |
| 11 | Test Project                             | ii. Developing a test project   |
| 12 | CMS (WordPress)                          | i. Introduction of CMS<br>ii. Website planning<br>iii. What can I do with CMS<br>iv. What CMS we most use<br>v. WordPress installation  |
| 13 | Admin Panel                              | i. WordPress admin panel description<br>ii. Basic admin settings<br>iii. WordPress theme installation<br>iv. WordPress plugin installation<br>v. Basic settings on theme and plugin |
| 14 | Theme development                        | i. How to create WordPress theme development<br>ii. Basic structure of WordPress theme<br>iii. Theme development  |
| 15 | Theme development                        | iv. Theme development   |
| 16 | Plugging development                     | i. How to create WordPress plugin development<br>ii. Basic structure of WordPress plugin<br>iii. Plugin development   |
| 17 | WordPress hooks                          | i. How to use Wordpress hooks   |
| 18 | WordPress theme and plugin customization | i. How to customize theme<br>ii. How to customize plugin  |
| 19 | Overview                                 | i. Overview of all previous class   |
| 20 | Project Submission                       | i. Project submission on WordPress and PHP  |