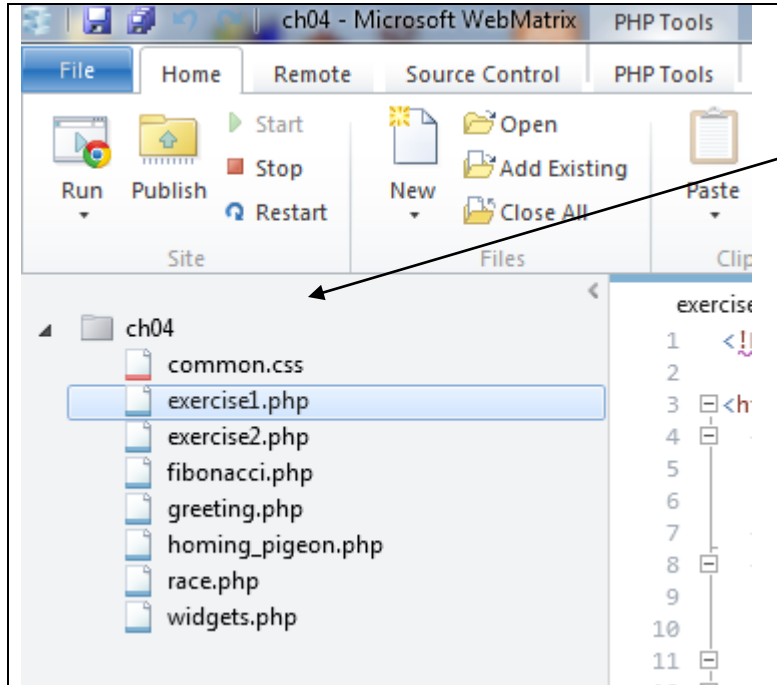**TOOLS REQUIRED**

- WampServer version 3.1.0 x64 (Free download Open Source)
- NetBeans IDE version 8.2 (Free download)
- RapidPHP 2014, 2015, 2016 (Trial Edition)
- Notepad++ version 6.7.3 (Free download)
- Beginning PHP 5.3 eBook

Lab 3 PHP Learning the Language 1

At the end of this practical, you should have learnt the following:

- **PHP Language Basics (Chapter 3)**
  1. **Variables** , which let you store and manipulate data in your scripts
  2. **Data types** , including which types are available in PHP, and how to test for and change type
  3. PHP 's available **operators** , which you can use to manipulate information
  4. **Constants** , which are useful for storing data that doesn't change in your script
- **Decisions and Loops (Chapter 4)**
  1. Making decisions with the if , else , and switch statements
  2. Writing compact decision code with the ternary operator
  3. Looping with the do , while , and for statements
  4. Altering loops with the break and continue statements
  5. Nesting loops inside each other
  6. Using decisions and looping to display HTML
- **Strings (Chapter 5)**
  1. Search for text within a string
  2. Replace some text within a string with another string of text
  3. Format strings so that they ' re easier to read or work with
  4. Encode and decode strings using various popular encoding formats
- **Arrays (Chapter 6)**
  1. Learn how PHP arrays work
  2. Look at different ways of creating arrays
  3. Discover how to access the elements of an array
  4. Find out how to use loops to work your way through all the elements of an array
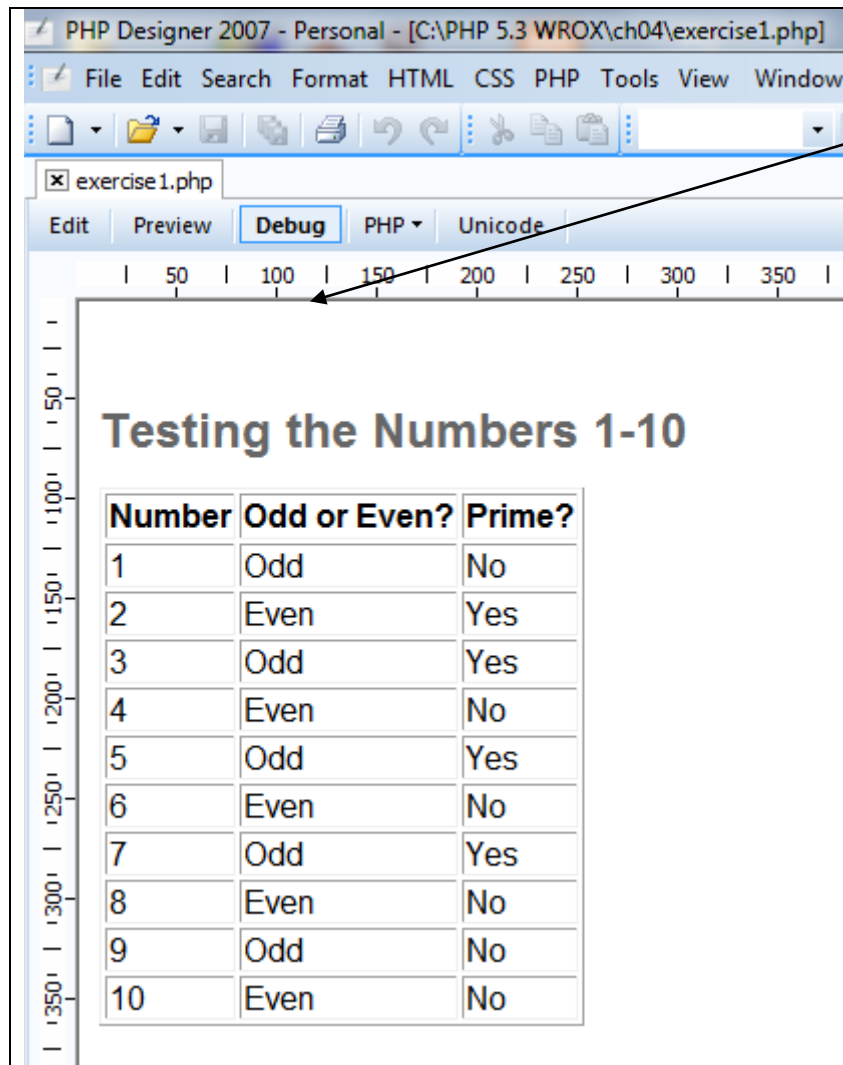
1. Download Lab3 Files from BB

- Use MWM open Folder option to open the ch04/05/06 folder.
- Select all the php files and edit the content to suit your own design and experiment.

Open Beginning PHP 5.3 eBook and go to the appropriate pages for reference. You may try out both the Microsoft WebMatrix and PHP Designer options to test PHP programming.

PHP Designer 2007 - Personal - [C:\PHP 5.3 WROX\ch04\exercise1.php]

File Edit Search Format HTML CSS PHP Tools View Window

exercise1.php

Edit   Preview   **Debug**   PHP ▾   Unicode

| 50 | 100 | 150 | 200 | 250 | 300 | 350 |

Testing the Numbers 1-10

Number	Odd or Even?	Prime?
1	Odd	No
2	Even	Yes
3	Odd	Yes
4	Even	No
5	Odd	Yes
6	Even	No
7	Odd	Yes
8	Even	No
9	Odd	No
10	Even	No

- Use PHP Designer Open option to open file in the ch04/05/06 folder.
- Select all the php files and edit the content to suit your own design and experiment.

-END-