Connect PHP with Oracle Database

1. Download and install "WampServer2.3-beta-x32" in **C:** drive

2. Copy all files with .dll extension from **C:\wamp\bin\php\php5.4** folder to **C:\windows\system** and **C:\windows\system32**

3. Copy php5apache2.dll to **C:\wamp\bin\apache\Apache2.3.14\ modules**

4. At first, copy the file php.ini from **C:\wamp\bin\apache\Apache2.3.14\bin** (for safety purpose), then open the original one with text editor to edit the following lines:

   a. Set the *extension_dir* to: *extension_dir = "C:\wamp\bin\php\php5.4\ext"*

   b. Uncomment the line: *extension=php_oci811g.dll*

   c. Uncomment (Remove the semicolon ";" from the beginning of the line) this line:
   session.save_path = "C:\wamp\tmp"

5. Restart Wamp server

6. Test the connection:

   a. Create a folder "OraclePHPconnection" in **C:\wamp\www** directory

   b. Create index.php file in that folder and write this code:

```php
<?php
$db = "(DESCRIPTION=(ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST = localhost)(PORT = 1521)))(CONNECT_DATA=(SID=xe)))" ;

if ($c=OCILogon("system", "your database password", $db)) {
echo "Successfully connected to Oracle.\n";
OCILogoff($c);
} else {
$err = OCIError();
echo "Connection failed." . $err[text];
}
?>
```

c. Open a web browser and go to **http://localhost/OraclePHPconnection**

d. If the connection is okay, you will get a white page with the result:

"Successfully connected to Oracle."

Software	Version
Oracle Database 11*g* Express Edition	Oracle Database Express Edition 11*g* Release 2 for Windows x32
WampServer2.3-beta-x32	Version 2.3, 32 bit
SQL Developer 4.1.3	32 bit

For Oracle Call Interface (OCI) functions you can follow this website:

http://sg2.php.net/manual/en/ref.oci8.php