**CS 6314.002 - Practice Work - 6**

**Due date:** March 30, 2016, 11:59PM

Implement a simple RESTful web service by using PHP.

Your web service should provide information about books. Response generated by the web service can be in HTML, JSON, XML format.

http://www.localhost/books should give list of books that are stored in your database.

Your database will have following table:

Book (Book-id, title, year, price, category)

You can use books.xml to populate your table.

Database name: **test**

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You will need to configure your WAMP/MAMP servers to make them compatible with REST.

**How to configure MAMP:**

Create api folder under /Applications/MAMP/htdocs directory.

Save index.php under /Applications/MAMP/htdocs/api directory.

Add below line to /Applications/MAMP/conf/apache/httpd.conf file:

Alias /books "/Applications/MAMP/htdocs/api/index.php"

Restart apache server.

Check your api at http://localhost:8888/books.

**How to configure WAMP:**

Create api folder under c:/wamp/www directory.

Save index.php under c:/wamp/www/api directory.

Add below line to c:/wamp/bin/apache/conf/httpd.conf file:

Alias /books "c:/wamp/www/api/index.php"

Place it within <IfModule alias\_module> </IfModule> block.

Restart apache server.

Check your api at http://localhost/books.

**Important reminder:** Make sure your database name, table name and attribute names match with given names. You also make sure to use default hostname, username and password for database connection. (host: localhost, username: root, password: root). Otherwise you will lose points for not complying with the standards of the assignment.