

True/False

1. Facebook Canvas Platform can accept apps written in any code, not just in PHP.
2. WSDL stands for Web Service Definition Language.
3. AJAX is used to create more interactive applications.
4. AJAX provides the ability to dynamically change portions of a web page with reloading the complete page.
5. When using the HTTP GET function, the URL must be in quotation marks.
6. A service is a function provided by a web server.
7. The design step comes after the analysis steps have been completed successfully.
8. MVC (Model-View-Controller) is a design pattern used by software engineers (including PHP application designers) to communicate between the view and model using a controller.
9. Planning and information gathering is part of the PDLC.
10. Dependency Injection allows the program client to enter a block of code to know the implementation of the block of code it will be using.
11. Objects are blocks of code that have already been compiled for use within an application.
12. HTML stands for Hypertext Markup Language.
13. Method signature includes the method name, and the number, types, and order of its parameter.
14. Datasets are not one of the many formats used when sending data between tiers in a three-tier architecture.

Short Answer/Essay

1. In your own words, briefly describe each of the steps in the PDLC.
2. Why do you think development of PC applications using PHP has decreased?
3. Why do you think some web sites do not allow themselves to be inserted inside other sites (such as the Facebook Canvas)?
4. What are the advantages of creating web pages that use AJAX?

Projects

1. Using the steps of the PDLC demonstrated in this chapter, design the logic for a smart phone and mobile device application that allows your water meter reader to enter the full address and meter readings. The application should validate the information and send valid information to a MySQL database. If the information is not valid, a message should be displayed back to the user indicating the problem.