**Information Literacy Exercise**

1. What is the difference between Java and Javascript?

*Java is an Object-Orientated Programming (OOP) language which is used to create applications that run in a virtual machine or browser. Javascript is an OOP scripting language that generates code to only run in a browser.*

**Search Terms Used?** *Difference between Java and Javascript  
 What is OOP?*

**Sources** Google.com; java.com; htmlgoodies.com

**Type of Source** Web-based; one an aggregator of sites, one a developer site, one a third-party simplification site.

**Credibility? (rate on scale 1-5 and describe rating)****Google & Java – 5***.*

*Excellent. Google aggregates data from common sites*

**Java.com – 5.***Sunsytems owns the code known as Java so is the inventor of the OOP known as Java and Javascript.*

**Htmlgoodies.com 3.5**

*Good. Overly complicates the differences and is one-step removed from the actual sites that own the OOP.*

1. What is PHP? What is it used for?

*PHP (Hypertext Preprocessor) is a server-side scripting language designed for web development as well as general-purpose programing language.*

**Search Terms Used?** *what is PHP used for; what does PHP stand for*

**Sources** Google.com; php.net/manual/en/intro-whatcando.php  
 en.wikipedia.org/wiki/PHP

**Type of Source** General website & search aggregators; communal web-based encyclopedia; PHP.net online manual

**Credibility? (rate on scale 1-5 and describe rating)**

**Google.com – 5.**   
Pulls data from existing sources which allows quick verification.  
**php.net – 5**.   
Actual source of information about the key search tem.  
**Wikipedia.com – 4.**   
While usually reliable, the open-nature of contributors means occasionally information is unreliable. This is more a concern with controversial topics.

1. How do you create dynamic layouts using CSS?

*Dynamic layouts are created using CSS by converting standard pixel-based grids to proportional standards. By using proportions rather than specific pixel-sizes, the webpage changes to meet the new size of the content window. Related to dynamic layouts is pixel-based typography sizes to an em-based equivalent.*

**Search Terms Used?** *creating dynamic layouts using css**how do you create dynamic layouts using CSS?*

**Sources** *creativbloq.com/ccs3/create-fluid-layouts-html5-andcss3- 3142768  
 w3schools.com  
 dojotoolkit.org/documentation/tutorials/1.6/digit\_layout/*

**Type of Source** *Blog post/information/how-to site  
 standards/information site*

**Credibility? (rate on scale 1-5 and describe rating)**

**Creativebloq.com – 3.5**.   
Most blog posts are usually hit-or-miss and require careful analysis to gauge if the information presented is relevant and accurate. In this case, creativebloq.com is a respected outlet and therefore trustworthy.

**W3schools.com – 4.5.**   
W3schools.com is a respected standards website that provides tutorials and how-to guides on basic web processes, among other programming languages.

**Dojotoolkit – 3**.   
While Dojo is related to selling products, this site is purely information and is not heavily slanted to sell a product. As this page primarily presents information, the site is trustworthy and helpful.

1. What is the difference between single sourcing and modular authoring?

*Single sourcing is a content management method that allows the same source content to be used across different forms of media and more than one time.*

*Modular authoring, also known as topic-based authoring, is a content creation method where content creation is structured around topics that can be mixed and reused in different contexts.*

*The difference between single sourcing and modular authoring is single sourcing usually involves one author creating a document whereas modular authoring involves multiple authors creating different content that can be combined into one document later. As topics are a discrete piece of content about a specific subject, the purpose is easily identifiable and can stand alone. Some content in a single-sourced document does not have this flexibility.*

**Search Terms Used?** difference between single sourcing and modular authoring?

Modular authoring; single-sourced authoring

**Sources** google.com; Wikipedia.com; thetechnicalauthor.net;

knowliah.com/solutions/business/modular-authoring-publishing

**Type of Source** search term aggregator; communal encyclopedia; technical communicator blog; product/business page

**Credibility? (rate on scale 1-5 and describe rating)**

**Google.com – 5**.   
Pulls data from existing sources which allows quick verification.  
**Wikipedia.com – 4.**   
While usually reliable, the open-nature of contributors means occasionally information is unreliable. This is more a concern with controversial topics.

**Technicalauthor.net – 3.5**   
Blogs are usually good places of information, however, as the content cannot be verified and/or may reflect the biased views of the author, it should not be trusted implicitly.

**Knowliah.com – 2.5**   
A product/business page designed to sell a product yet slanted as an information piece is untrustworthy.