Assignment1

Part 1

Distributed Version Control Setup:

Carefully go through the following steps: http://www.qcitr.com/usefullinks.htm#lesson3b

Part 2

Development Installation:

1. **AMPPS:** (http://www.ampps.com/)

a. Tour: http://www.ampps.com/tour

b. Download and Installation: http://www.ampps.com/wiki/Main Page

c. Installation Demo: http://www.ampps.com/demo

2. **Java:** If necessary, download and install **JDK:**

https://personal.ntu.edu.sg/ehchua/programming/howto/JDK HowTo.html

Windows: Stop *after* "Step 6: Compile and Run the Hello-World Java Program" **Mac: Stop *after*** "Step 4: Compile and Run the Hello-World Java Program"

3. Getting Started with Java in Visual Studio Code:

https://code.visualstudio.com/docs/java/java-tutorial

4. Android Studio (Do NOT update Beta versions!): http://developer.android.com/sdk/index.html
Building Your First App: http://developer.android.com/sdk/index.html

Note: Create "Java" activities, using Java code, *not* Kotlin.

Stop after: "That's it, you've built your first Android app!"

https://developer.android.com/training/basics/firstapp/starting-activity

- 5. Push your <u>local</u> repository to the one hosted by Bitbucket's servers: See **Part 1** (above).
- 6. Provide me with **read-only** access to Bitbucket repository: See **Part 1** (above).

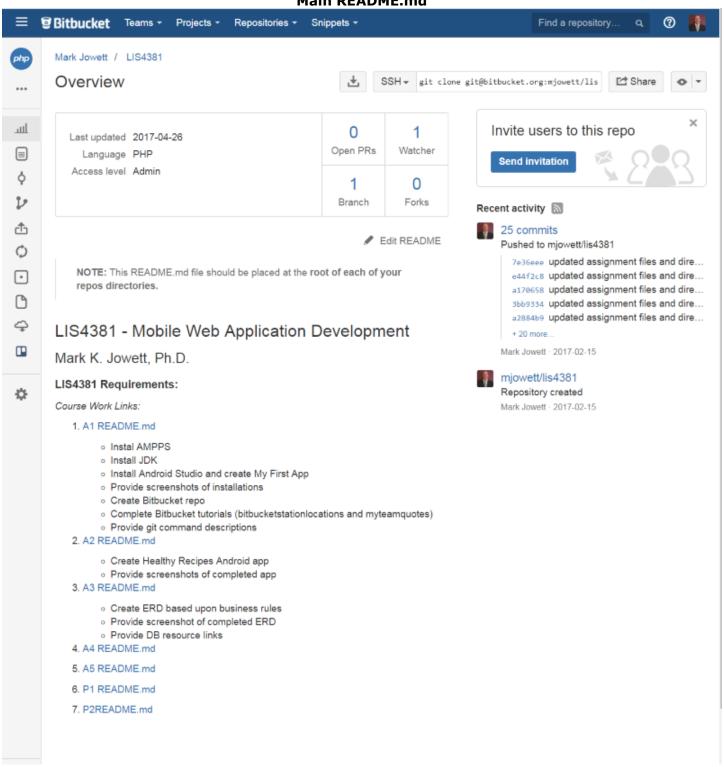
README.md file should include the following items:

- 1. Screenshot of **ampps** installation running (#1 above);
- 2. Screenshot of running **JDK java Hello** (#2 above);
- 3. <u>Screenshot</u> of running **Android Studio My First App** (#3 above, example below); (**Note:** use *your name* instead of "Hello World!")
- 4. git commands w/short descriptions ("Lesson 3b Version Control Systems: Course Configuration");
- 5. Bitbucket repo links:
 - a. This assignment, and
 - b. The completed tutorial repo above (**bitbucketstationlocations**). (See link in screenshot below.)

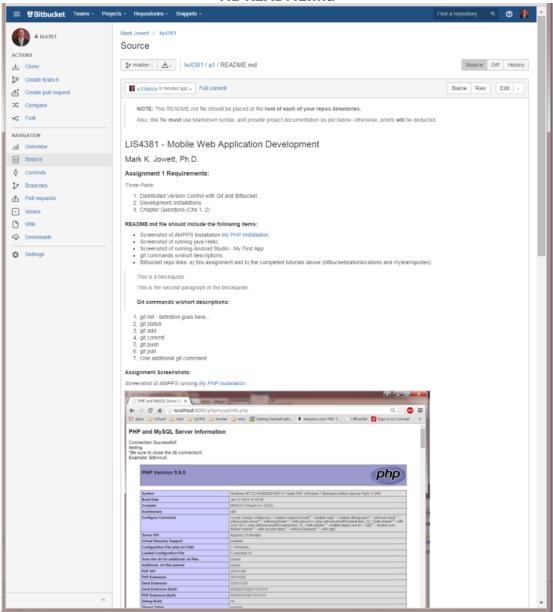
Deliverables (see screenshots below):

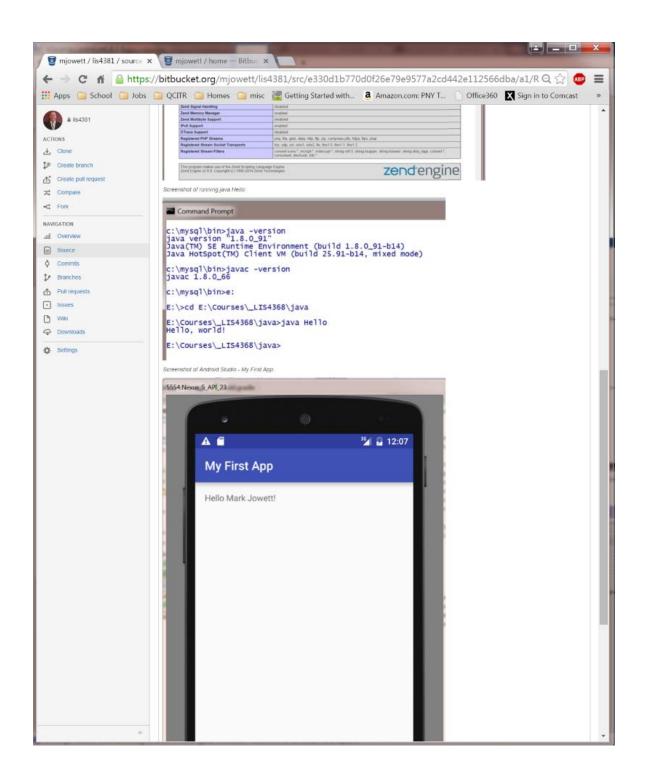
- Provide Bitbucket read-only access to lis4381 repo, include links to the repo
 (<u>BitbucketStationLocations</u>) you created in the above tutorials in README.md, using <u>Markdown</u> syntax, (README.md must also include screenshots per above.)
- 2. FSU's Learning Management System: include lis4381 Bitbucket repo link

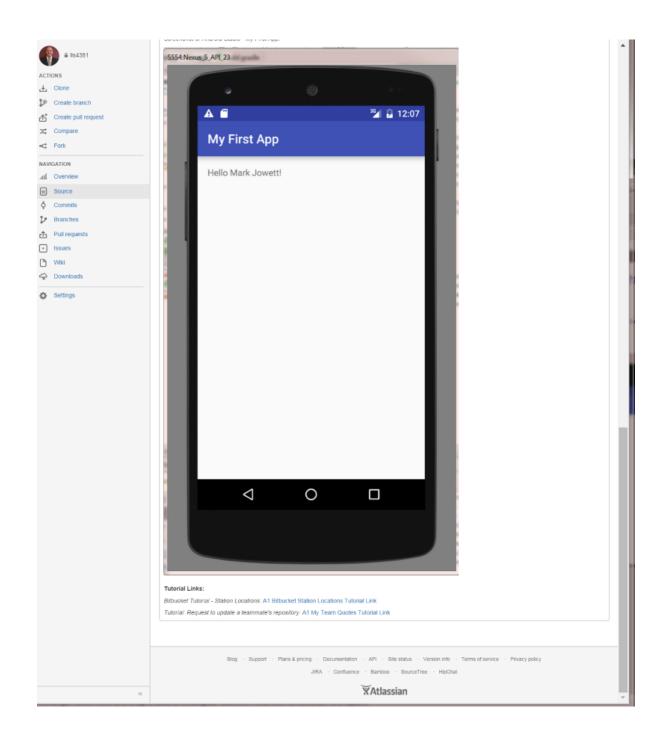
Main README.md



A1 README.md







Part 3 Questions (PHP/MySQL: Chs. 1, 2):

1. a. b. c. d.	You create line comments in PHP code by adding to a line you want to use as a comment. (Choose all that apply.) ** # //
2. a. b. c. d.	Block comments begin with /* and end with /* */ // **
a.	PHP variables begin with & b.! c. \$ d. #
4.	A variable name in PHP can only contain letters, numbers, and
a. ı	underscores b. percent signs c. pound symbols d. caret symbols
a. is ob. calc. cald. calc. clieb. da	A PHP variable name case-sensitive n contain special characters n start with a letter, a digit, or two underscores n be a PHP reserved word A web application is a type of ent/server application tabase application ent-side application rver-side application
<pre>\$disc \$orde if (\$</pre>	After the if statement that follows is executed, what will the value of \$discountAmount be? count_amount; cr_total = 200; corder_total > 200) { discount_amount = \$order_total * .3; ce if (\$order_total > 100) { cdiscount_amount = \$order_total * .2; ce { discount_amount = \$order_total * .1; b. 20 c. 40 d. 60
<pre>\$mont \$i = while \$f</pre>	How many times will the while loop that follows be executed? ths = 5; 1; (\$\(\) \\$ months \) { tutureValue = \$\(\)futureValue * (1 + \$\(\)monthlyInterestRate \); = \$\(\)i+1;

a. 0 b. 1 c. 4 d. 5

- 9. If a URL specifies a directory that doesn't contain a default page, Apache displays
- a. an error message
- b. a list of the PHP applications in that directory
- c. a list of all of the web applications in that directory
- d. a list of all of the directories in that directory
 - 10. In the code that follows, if \$error_message isn't empty

```
if ($error_message != '') {
    include('index.php');
    exit();
}
```

- a. control is passed to a page named index.php that's in the current directory
- b. control is passed to a page named index.php that's in the parent directory
- c. control is passed to a page named index.php that's in the child directory
- d. nothing happens because the condition is false
 - 11. The HTTP response for a dynamic web page is passed
- a. from PHP to the browser
- b. from the web server to the browser
- c. from the database server to the web server
- d. from the web server to PHP
 - 12. The order of precedence for arithmetic expressions causes
- a. addition to be done before subtraction
- b. multiplication to be done before division
- c. increment operations to be done first
- d. modulus operations to be done last
 - 13. To round and format the value of a variable named \$number to 3 decimal places and store it in a variable named \$number_formatted, you code
- a. \$number_formatted = number_format(\$number, 3, round);
- b. \$number_formatted = number_format(\$number, 3);
- c. \$number_formatted = format_number(\$number, 3, round);
- d. \$number formatted = format number(\$number, 3);
 - 14. To run a PHP application that has been deployed on your own computer, you can enter a URL in the address bar of your browser that
- a. specifies just the application root directory
- b. uses localhost as the domain name
- c. specifies just the application root directory and the starting filename
- d. uses apache as the domain name
 - 15. To view the source code for a web page in the Firefox or IE browser, you can select the appropriate command from the
- a. File menu b. Source menu c. View menu d. Page menu
- 16. When the web server recieves an HTTP request for a PHP page, the web server calls the
- a. database server b. static web page c. web browser d. PHP interpreter
 - 17. Which of the following is NOT part of an HTTP URL:
- a. protocol b. path c. node d. filename

18. What will the variable \$name contain after the code that follows is executed?	
<pre>\$first_name = 'Bob';</pre>	
<pre>\$last_name = 'Roberts';</pre>	
<pre>\$name = "Name: \$first_name";</pre>	
a. Bob	
b. \$first_name	
c. Name: Bob	
d. Name: \$first_name	
19. In PHP, the concatenation operator is a. +	
b. &	
C	
d. !	
20. In a conditional expression that includes logical operators, the AND operator has order of precedence than the operator.	a lowe
a. NOT	
b. OR	
c.	
d. &&	
u. da	