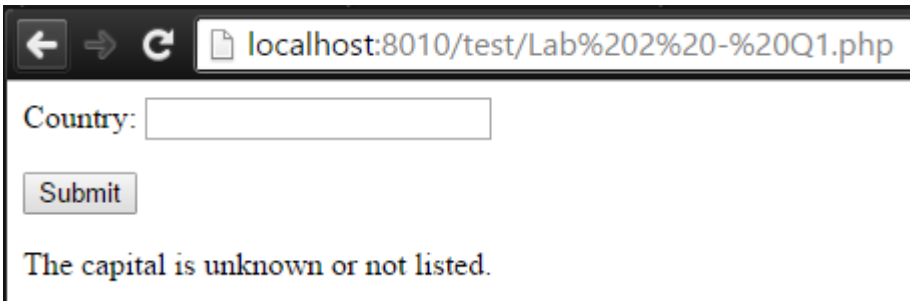
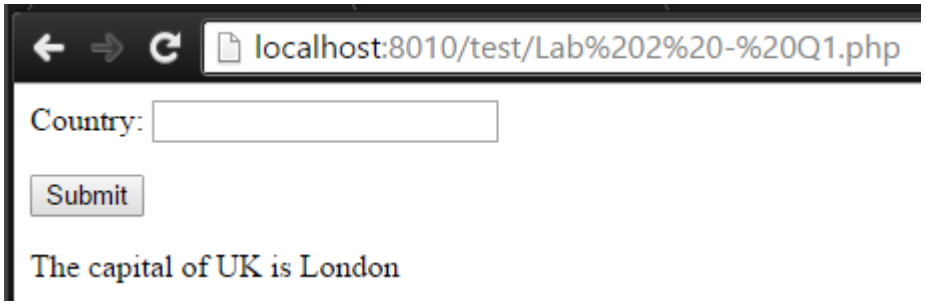
Web Programming – Lab #2

1.1 With lowercase “uk”, the switch selection goes to default.



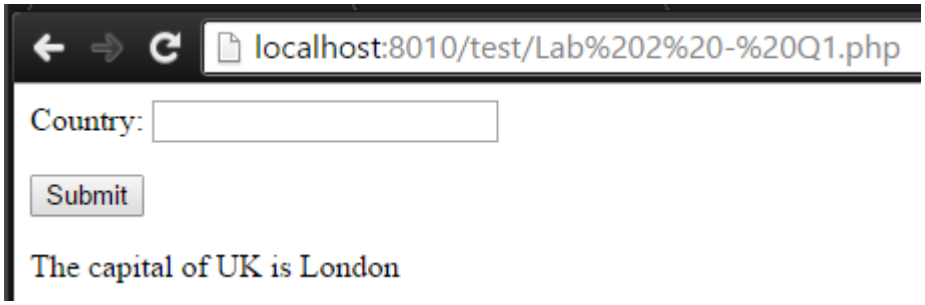
With uppercase “UK”, the switch selection runs the first condition.



Lab 2 - Q1.php

```php
<form action="<?php echo $_SERVER["PHP_SELF"]; ?>" method="post">
    <p>
        <label for="countryName">Country: <label>
        <input type="text" name="countryName" id="countryName"/>
    </p>

    <p>
        <input type="submit"/>
    </p>
</form>

<?php
/*
if (isset ($_POST["countryName"]))*/
    $country = $_POST ["countryName"];


switch ($country)
{
    case "UK":
        echo "The capital of $country is London";
        break;

    case "Canada":
        echo "The capital of $country is Ottawa";
        break;

    case "Portugal":
        echo "The capital of $country is Lisbon";
        break;

    default:
        echo "The capital is unknown or not listed.";
}
?>
```

1.2 The strtoupper function coverts the entire string to uppercase. Therefore, only the first condition will run in this case. All other inputs will go to default.



Lab 2 - Q1.php

```php
<form action="<?php echo $_SERVER["PHP_SELF"]; ?>" method="post">
    <p>
        <label for="countryName">Country: <label>
        <input type="text" name="countryName" id="countryName"/>
    </p>

    <p>
        <input type="submit"/>
    </p>
</form>

<?php
if (isset ($_POST["countryName"]))
    $country = strtoupper($_POST ["countryName"]);

switch ($country)
{
    case "UK":
        echo "The capital of $country is London";
        break;

    case "Canada":
        echo "The capital of $country is Ottawa";
        break;

    case "Portugal":
        echo "The capital of $country is Lisbon";
        break;

    default:
        echo "The capital is unknown or not listed.";
}
?>
```

1.3

Lab 2 - Q1.php

```php
<form action="<?php echo $_SERVER["PHP_SELF"]; ?>" method="post">
    <p>
        <label for="countryName">Country: <label>
        <input type="text" name="countryName" id="countryName"/>
    </p>

    <p>
        <input type="submit"/>
    </p>
</form>

<?php
if (isset ($_POST["countryName"]))
    $country = $_POST ["countryName"];

switch ($country)
{
    case "UK":
        echo "The capital of $country is London";
        break;

    case "Canada":
        echo "The capital of $country is Ottawa";
        break;

    case "Portugal":
        echo "The capital of $country is Lisbon";
        break;

    default:
        echo "The capital is unknown or not listed.";
}
?>
```

2.1

Lab 2 - Q1.php | Lab 2 - Q2.php

```
<html>
    <head>
        <title>
        Lab-2 Q2 - PHP Script
        </title>
    <head>
<body>

<?php
// declare and initialize variables
$testAddress = $testFirstname = $testSurname = 0;
$address = $firstName = $surname = "";

if (isset($_POST["submit"]))
{
    // determine null variables after input
    if ($_POST["Addr"] == NULL)
        $testAddress = 1;
    else
        $address = $_POST ["Addr"];

    if ($_POST["First"] == NULL)
        $testFirstname = 1;
    else
        $firstName = $_POST["First"];

    if ($_POST["Sur"] == NULL)
        $testSurname = 1;
    else
        $surname = $_POST["Sur"];
}
?>

<h2>Please enter your name and address:</h2>

<form action="<?php echo $_SERVER["PHP_SELF"]; ?>" method="post">

<p>
<label for="First">Firstname: </label>
<input type="text" name="First" value="<?php echo $firstName ?>" id="f"/>
<?php
// notify user for empty fields
if ($testFirstname)
    echo "Please enter a firstname!"
?>
</p>

<p>
<label for="Sur">Surname: </label>
<input type="text" name="Sur" value="<?php echo $surname ?>" id="s"/>
<?php
// notify user for empty fields
if ($testSurname)
    echo "Please enter a surname!"
?>
</p>

<p>
<label for="Address">Address: </label>
<textarea name="Addr" rows="5" cols="30" id="a"><?php echo $address ?></textarea>
<?php
// notify user for empty fields
if ($testAddress)
    echo "Please enter an address!"
?>
</p>

<p>
<input type="submit" name="submit"/>
</p>
</form>
</body>
<html>
```

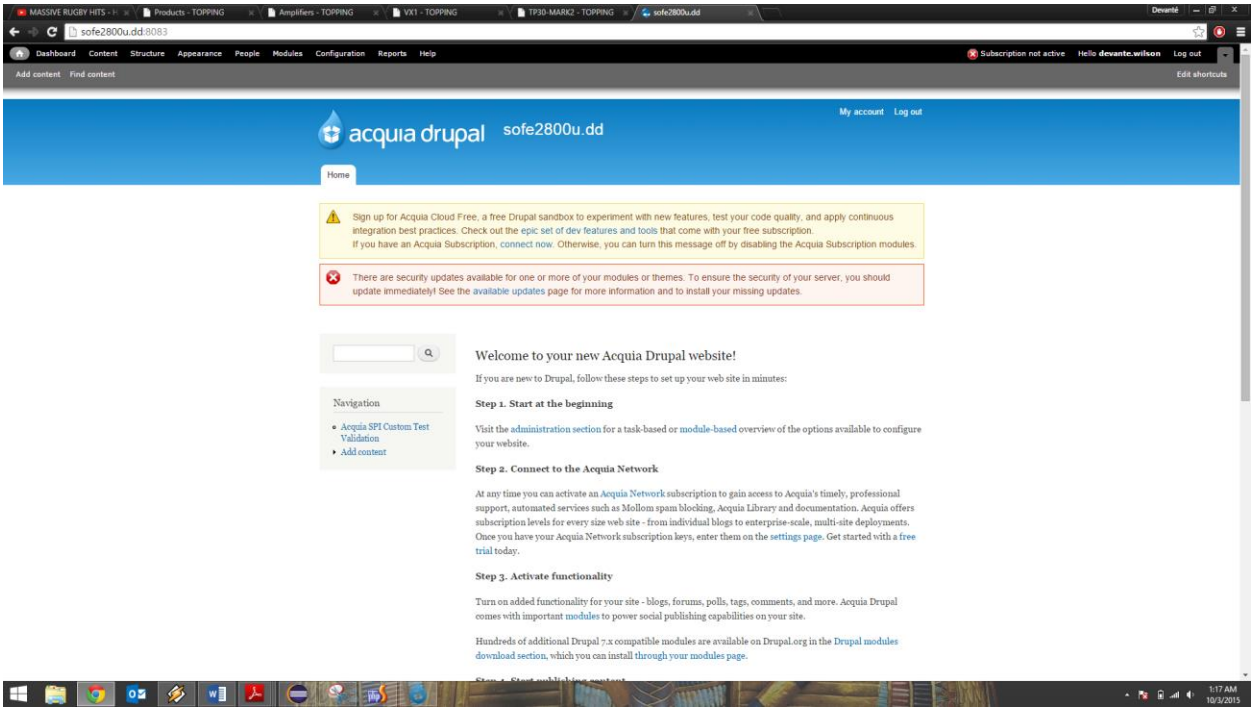
2.2

2.3

2.4 The purpose of lines 7-9 is to check for null variables. The test variables are integers and switched to 1 (true/error) if the user has no entered a value. Otherwise, the string variable is assigned the user input.

2.5 The if structure on line 33 is to determine if all fields have a value entered by the user.

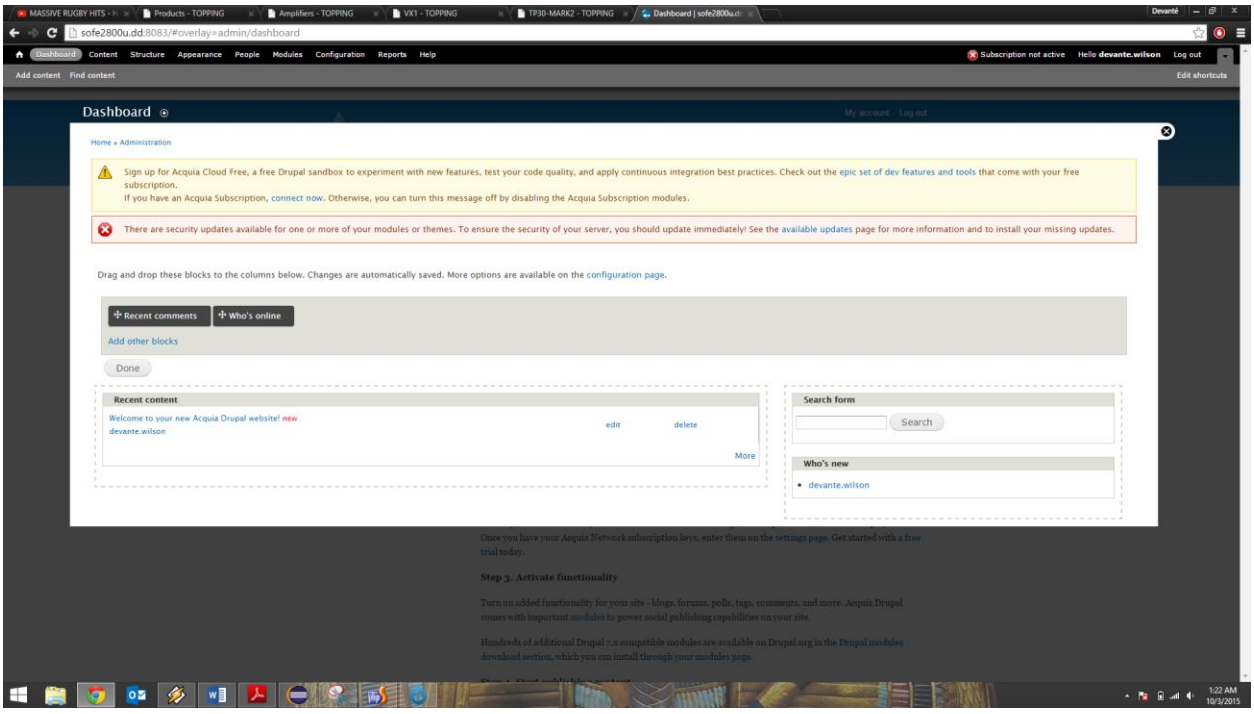
3.d.



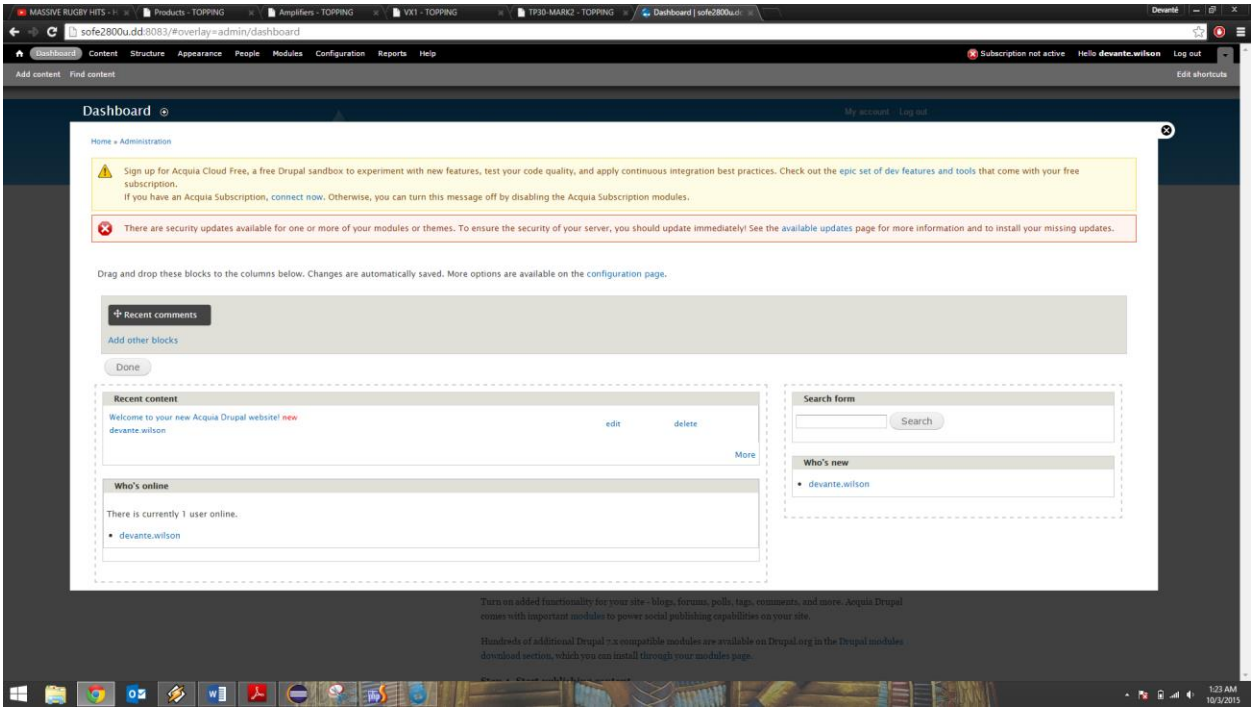
3.1 The port number 8083 should be used to access the site

Part-1: Modifying and Adding Contents

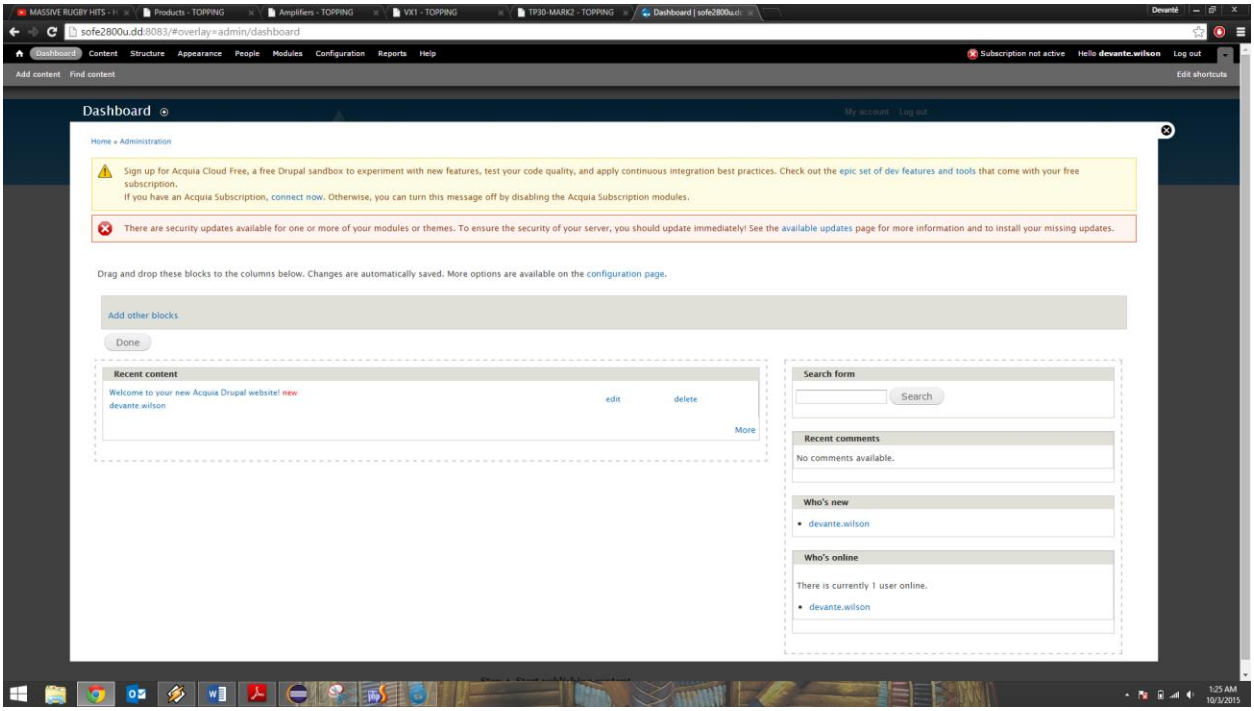
4.a.



4.b.


sofe2800u.dd:8083/#overlay=admin/dashboard
Dashboard
Content Structure Appearance People Modules Configuration Reports Help
Subscription not active
Hello devante.wilson
Log out
Add content Find content
Edit shortcuts
Home » Administration
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the available updates page for more information and to install your missing updates.
Drag and drop these blocks to the columns below. Changes are automatically saved. More options are available on the configuration page.
Recent comments
Add other blocks
Done
Recent content
Welcome to your new Acquia Drupal website! new
devante.wilson
edit
delete
More
Who's online
There is currently 1 user online.
devante.wilson
Search form
Search
Who's new
devante.wilson

4.c.


sofe2800u.dd:8083/#overlay=admin/dashboard
Dashboard
Content Structure Appearance People Modules Configuration Reports Help
Subscription not active
Hello devante.wilson
Log out
Add content Find content
Edit shortcuts
Home » Administration
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
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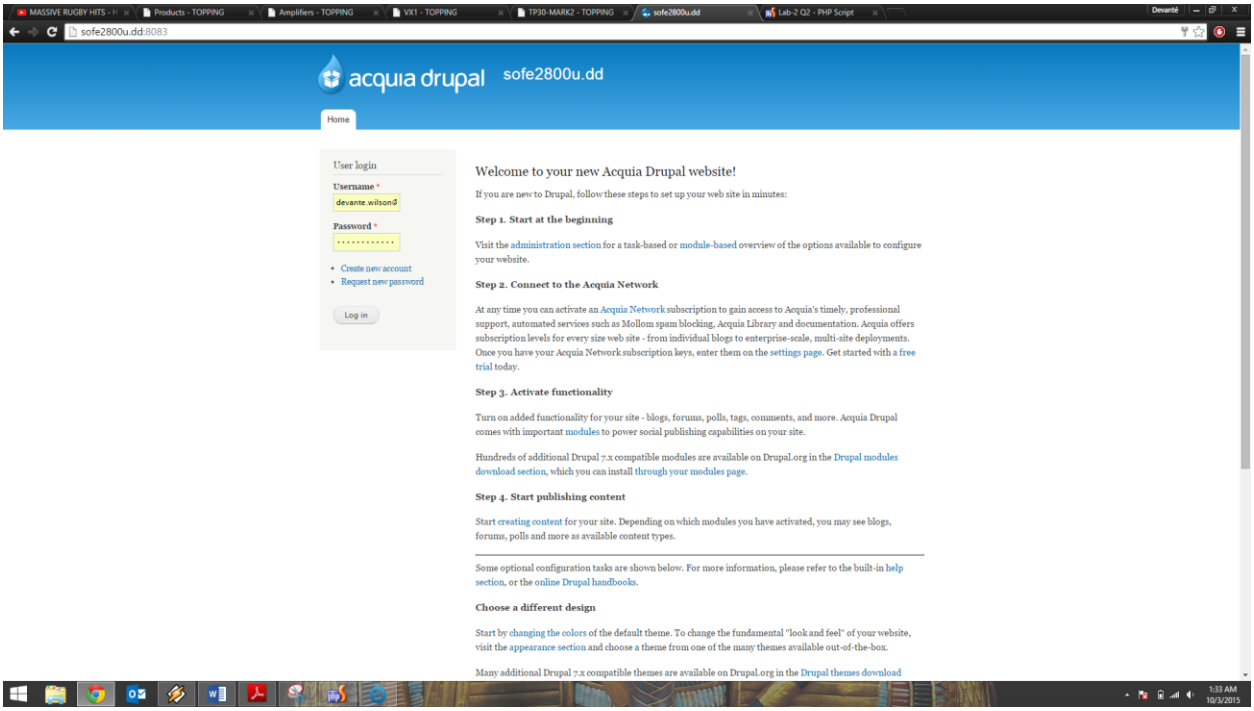
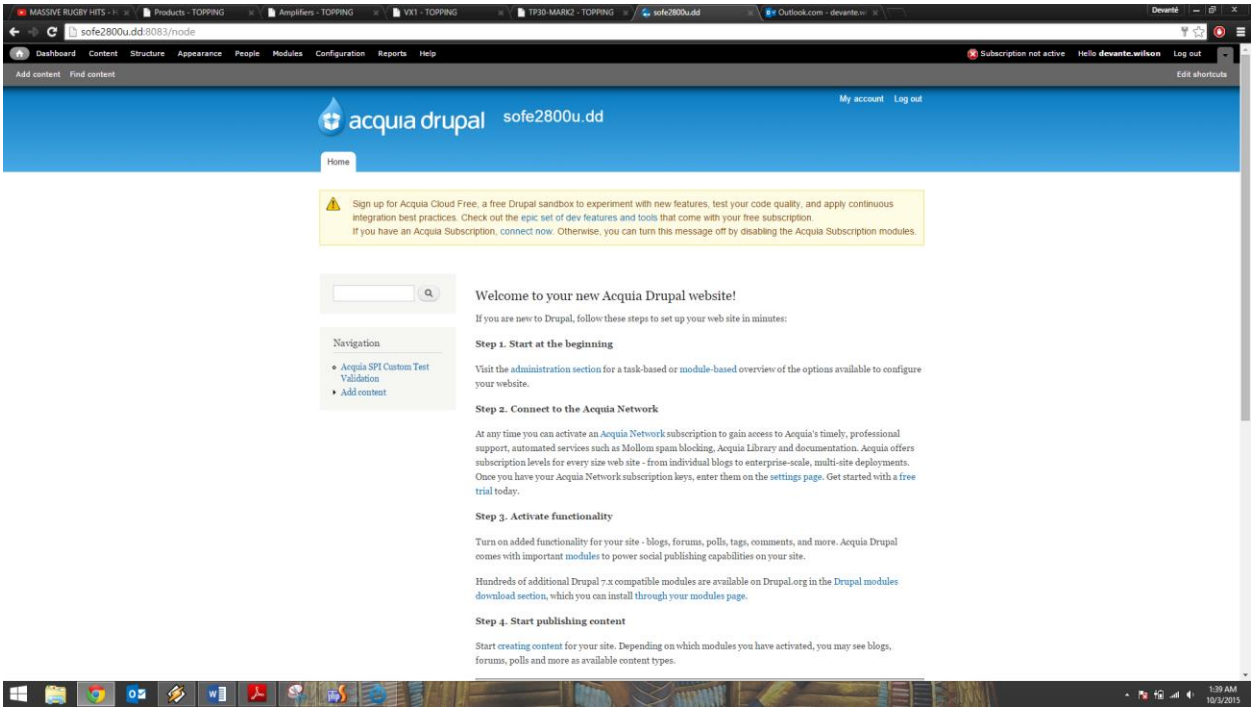
Drag and drop these blocks to the columns below. Changes are automatically saved. More options are available on the configuration page.
Add other blocks
Done
Recent content
Welcome to your new Acquia Drupal website! new
devante.wilson
edit
delete
More
Search form
Search
Recent comments
No comments available.
Who's new
devante.wilson
Who's online
There is currently 1 user online.
devante.wilson

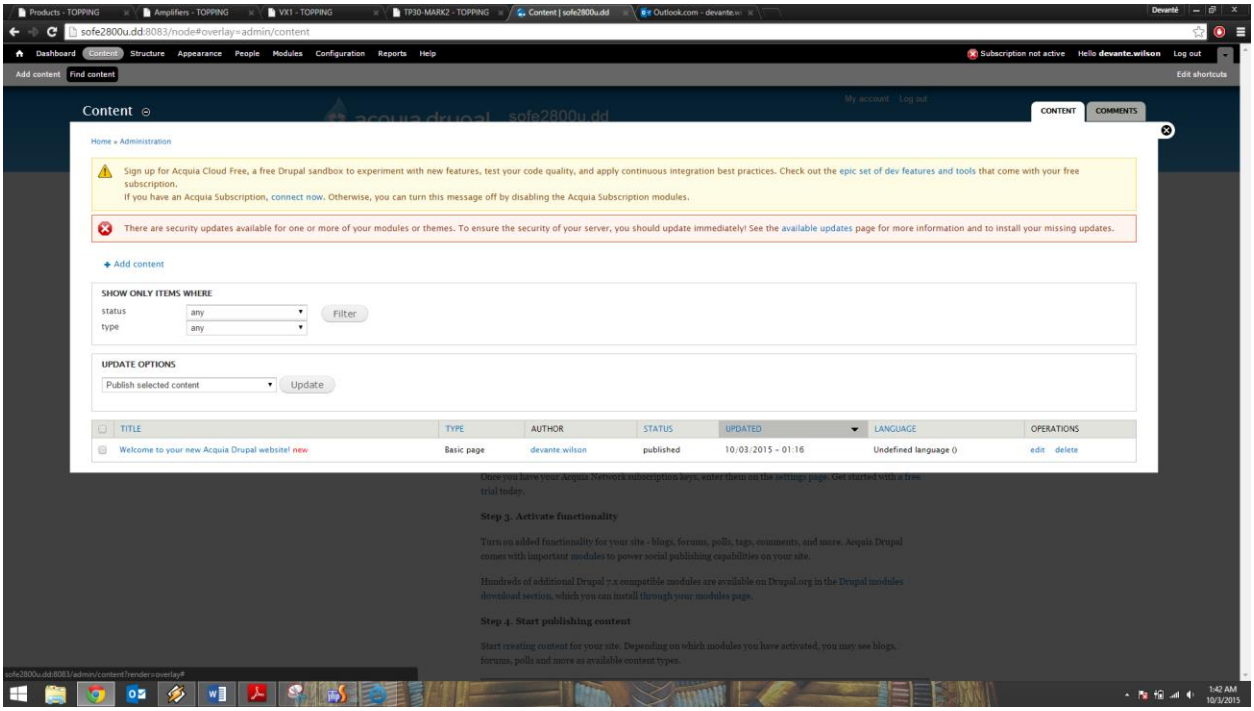
5.


sofe2800u.dd:8083
acquia drupal
sofe2800u.dd
Home
User login
Username *
devante.wilson@
Password *
Create new account
Request new password
Log in
Welcome to your new Acquia Drupal website!
If you are new to Drupal, follow these steps to set up your web site in minutes:
Step 1. Start at the beginning
Visit the administration section for a task-based or module-based overview of the options available to configure your website.
Step 2. Connect to the Acquia Network
At any time you can activate an Acquia Network subscription to gain access to Acquia's timely, professional support, automated services such as Mollom spam blocking, Acquia Library and documentation. Acquia offers subscription levels for every size web site - from individual blogs to enterprise-scale, multi-site deployments. Once you have your Acquia Network subscription keys, enter them on the settings page. Get started with a free trial today.
Step 3. Activate functionality
Turn on added functionality for your site - blogs, forums, polls, tags, comments, and more. Acquia Drupal comes with important modules to power social publishing capabilities on your site.
Hundreds of additional Drupal 7.x compatible modules are available on Drupal.org in the Drupal modules download section, which you can install through your modules page.
Step 4. Start publishing content
Start creating content for your site. Depending on which modules you have activated, you may see blogs, forums, polls and more as available content types.
Some optional configuration tasks are shown below. For more information, please refer to the built-in help section, or the online Drupal handbooks.
Choose a different design
Start by changing the colors of the default theme. To change the fundamental "look and feel" of your website, visit the appearance section and choose a theme from one of the many themes available out-of-the-box.
Many additional Drupal 7.x compatible themes are available on Drupal.org in the Drupal themes download

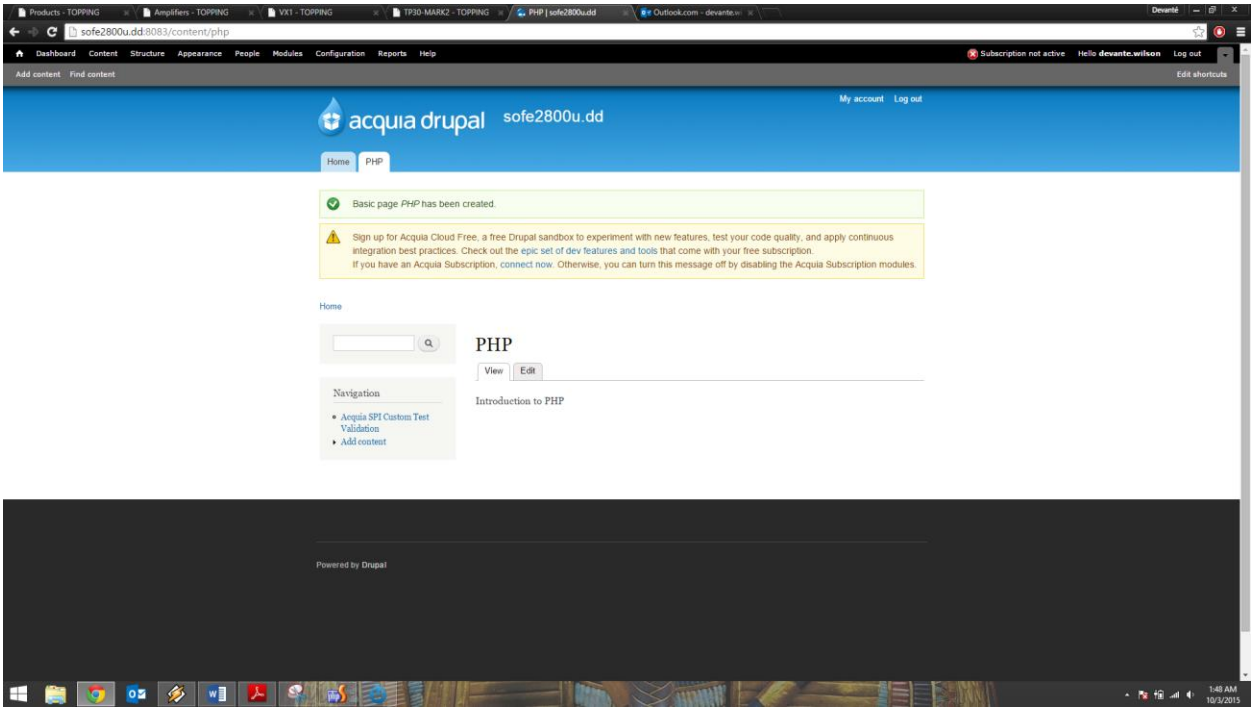
6.


sofe2800u.dd:8083/node
Dashboard Content Structure Appearance People Modules Configuration Reports Help
Subscription not active Hello devante.wilson Log out
Add content Find content
Edit shortcuts
My account Log out
acquia drupal
sofe2800u.dd
Home
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
Navigation
Acquia SPI Custom Test Validation
Add content
Welcome to your new Acquia Drupal website!
If you are new to Drupal, follow these steps to set up your web site in minutes:
Step 1. Start at the beginning
Visit the administration section for a task-based or module-based overview of the options available to configure your website.
Step 2. Connect to the Acquia Network
At any time you can activate an Acquia Network subscription to gain access to Acquia's timely, professional support, automated services such as Mollom spam blocking, Acquia Library and documentation. Acquia offers subscription levels for every size web site - from individual blogs to enterprise-scale, multi-site deployments. Once you have your Acquia Network subscription keys, enter them on the settings page. Get started with a free trial today.
Step 3. Activate functionality
Turn on added functionality for your site - blogs, forums, polls, tags, comments, and more. Acquia Drupal comes with important modules to power social publishing capabilities on your site.
Hundreds of additional Drupal 7.x compatible modules are available on Drupal.org in the Drupal modules download section, which you can install through your modules page.
Step 4. Start publishing content
Start creating content for your site. Depending on which modules you have activated, you may see blogs, forums, polls and more as available content types.

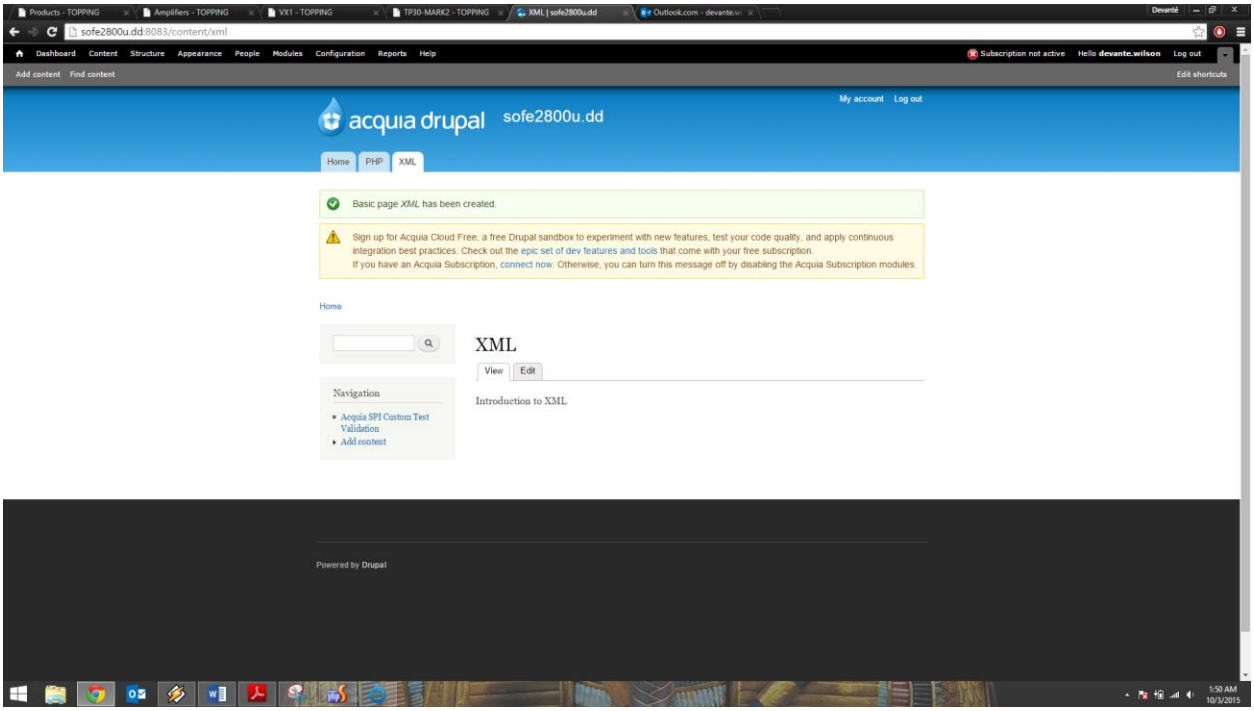
7.


sofe2800u.dd:8083/node#overlay=admin/content
Content
Home » Administration
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the available updates page for more information and to install your missing updates.
Add content
SHOW ONLY ITEMS WHERE
status
type
any
Filter
UPDATE OPTIONS
Publish selected content
Update
TITLE
TYPE
AUTHOR
STATUS
UPDATED
LANGUAGE
OPERATIONS
Welcome to your new Acquia Drupal website! new
Basic page
devante.wilson
published
10/03/2015 - 01:16
Undefined language ()
edit
delete

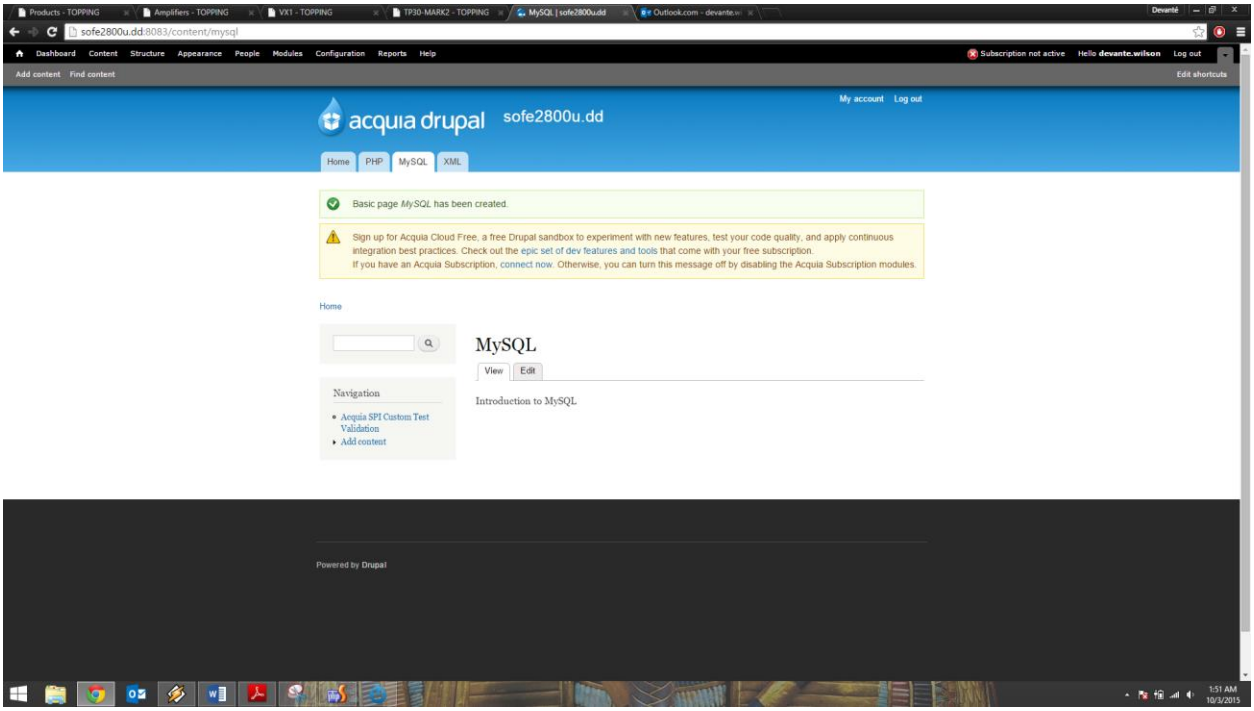
8.


sofe2800u.dd:8083/content/php
acquia drupal
sofe2800u.dd
Home
PHP
Basic page PHP has been created.
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
Navigation
Acquia SPI Custom Test Validation
Add content
View
Edit
Introduction to PHP
Powered by Drupal

9.

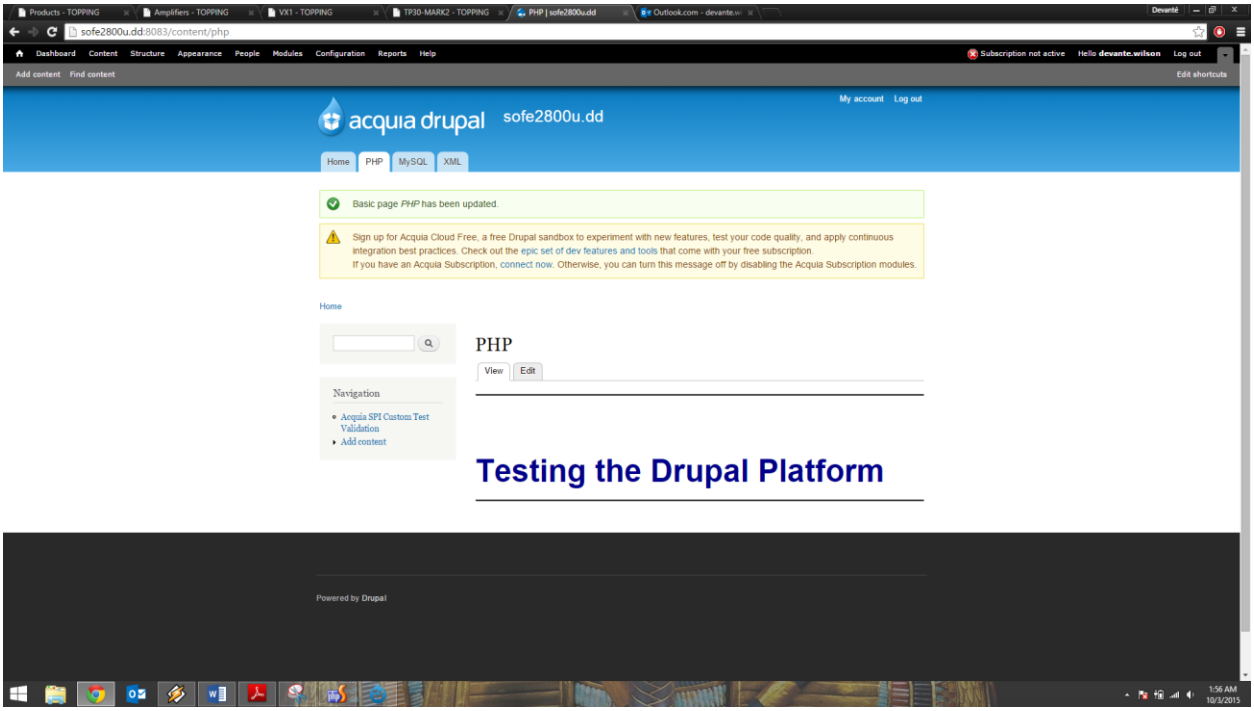

sofe2800u.dd:8083/content/xml
acquia drupal sofe2800u.dd
Home
PHP
XML
Basic page XML has been created.
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
Navigation
Acquia SPI Custom Test Validation
Add content
XML
View
Edit
Introduction to XML
Powered by Drupal

10.

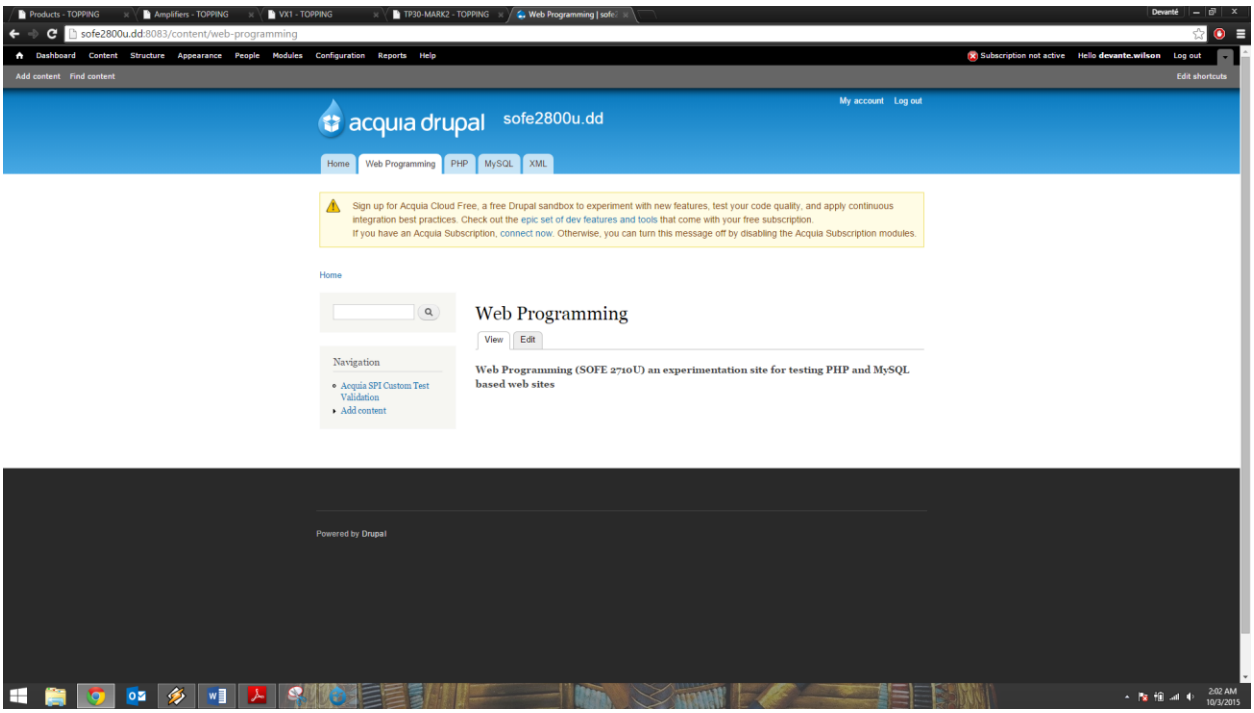

sofe2800u.dd:8083/content/mysql
acquia drupal sofe2800u.dd
Home
PHP
MySQL
XML
Basic page MySQL has been created.
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
Navigation
Acquia SPI Custom Test Validation
Add content
MySQL
View
Edit
Introduction to MySQL
Powered by Drupal

11. The XML tab is the last of the four tabs (Home, PHP, MySQL, XML).

12.

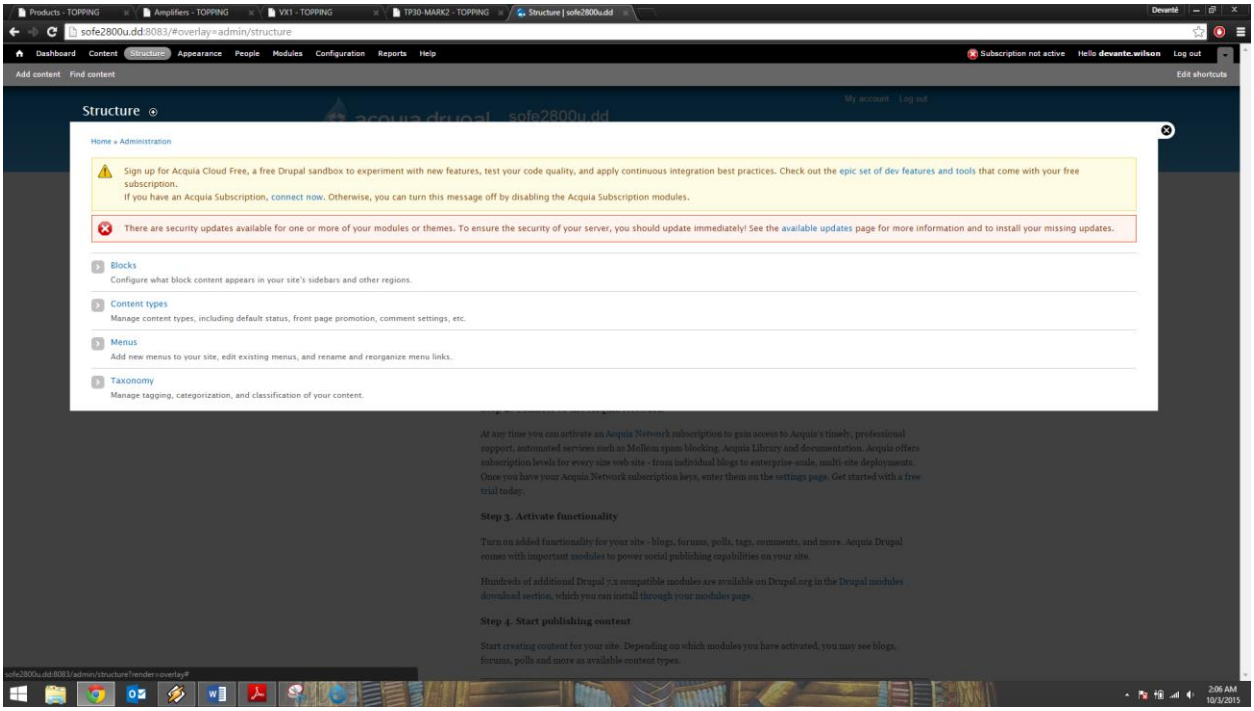


13.

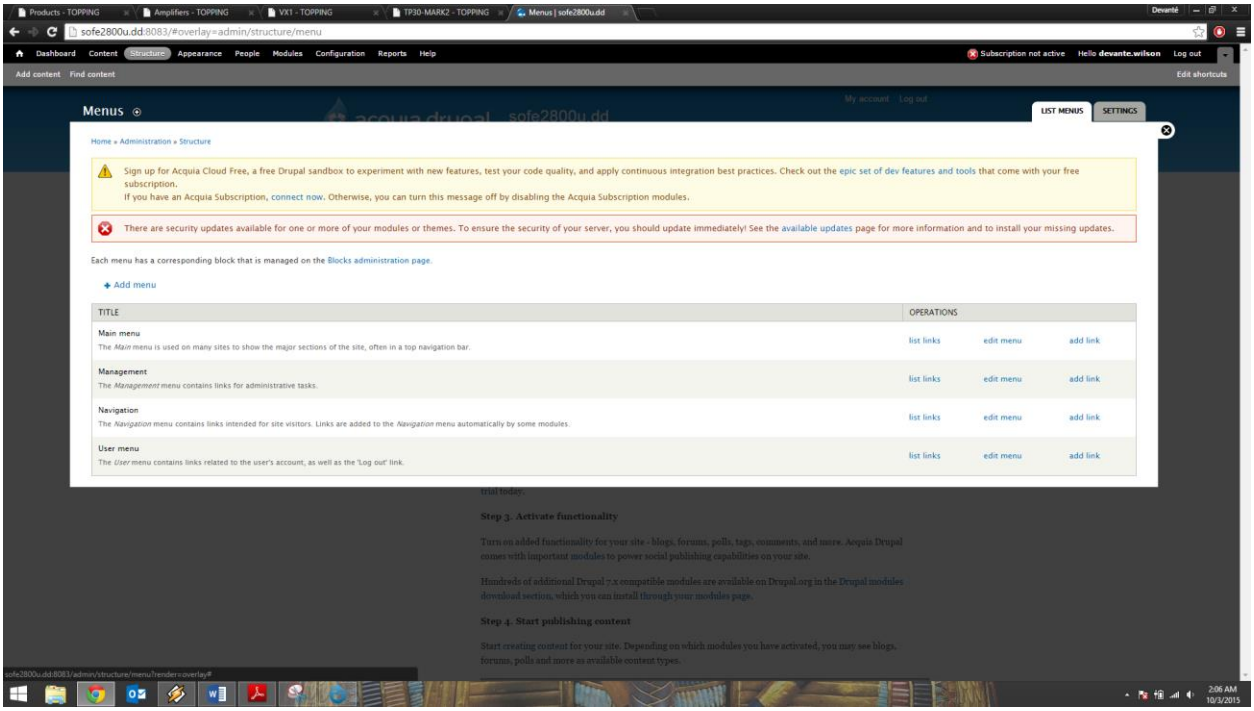


Part-2: Structure and Menu

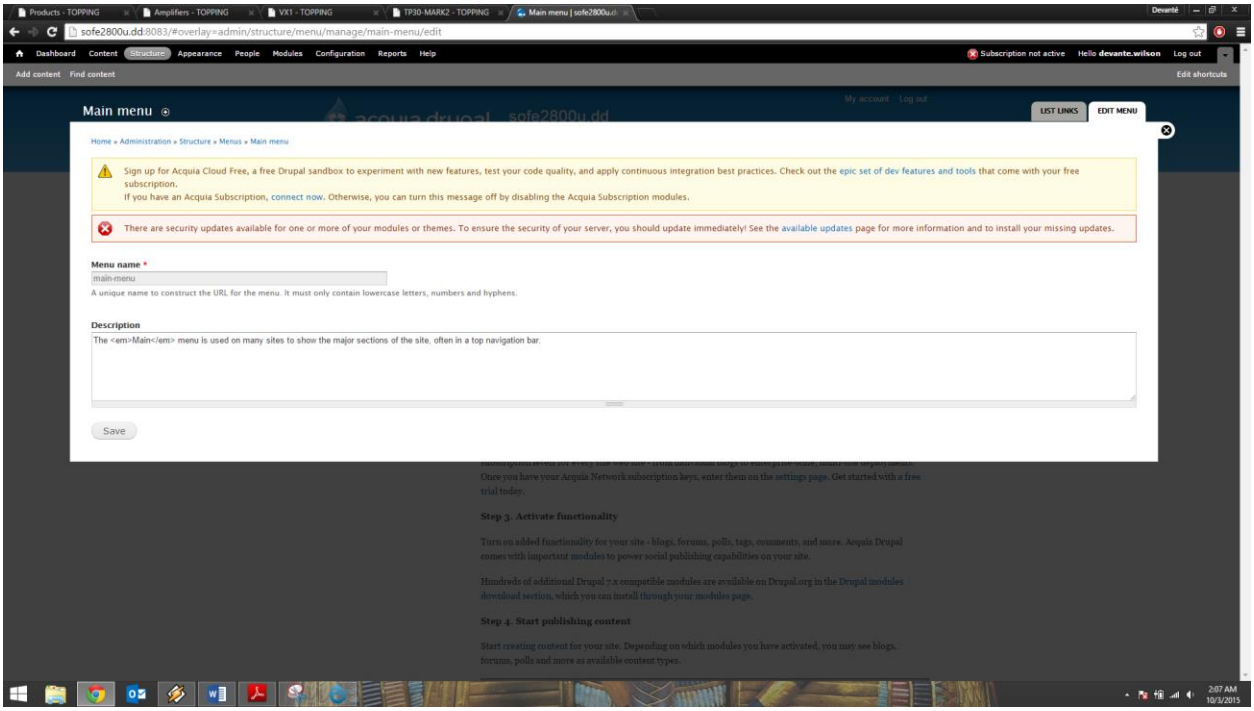
1.



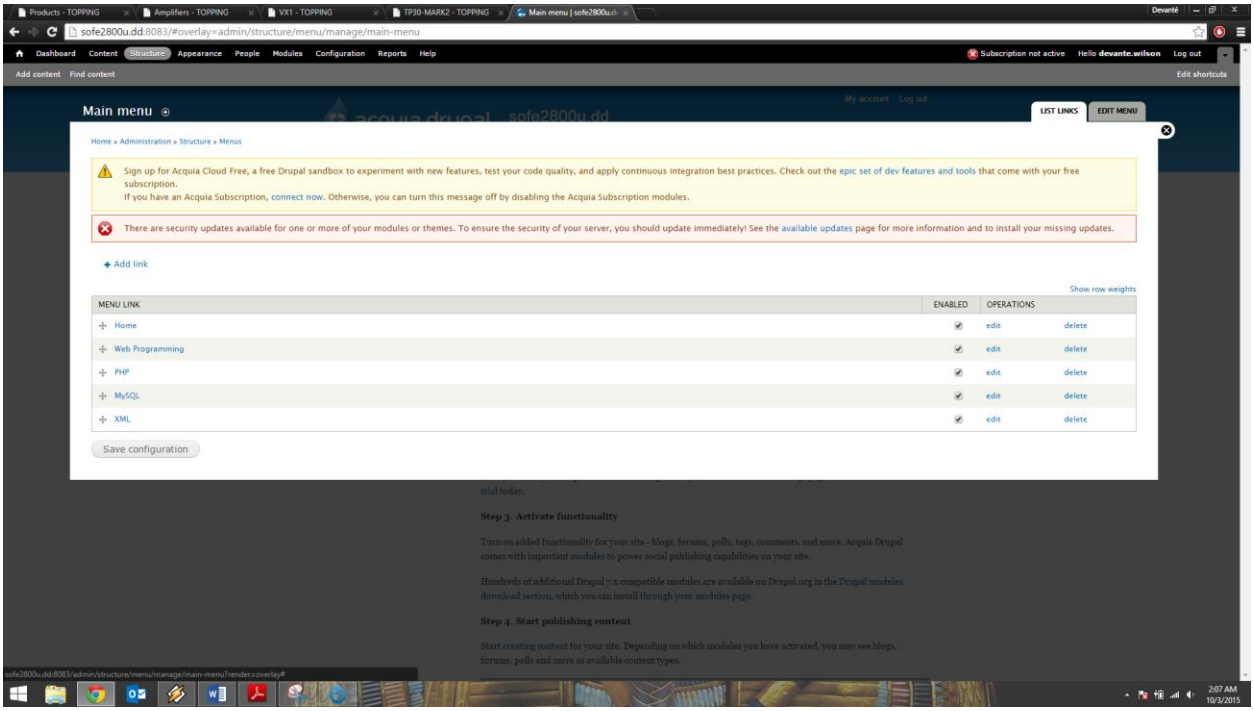
2.



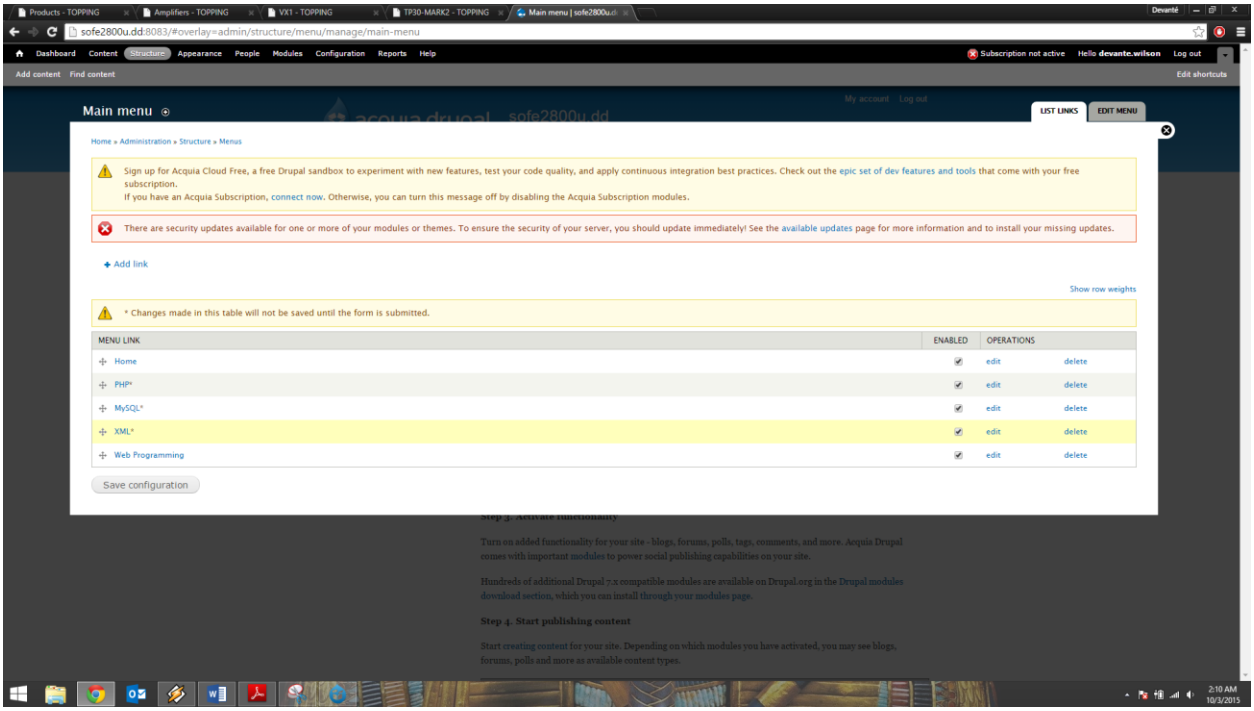
3.


Products - TOPPING
Amplifiers - TOPPING
VX1 - TOPPING
TP30-MARK2 - TOPPING
Main menu | sofe2800u.dd
sofe2800u.dd:8083/#overlay=admin/structure/menu/manage/main-menu/edit
Dashboard
Content
Structure
Appearance
People
Modules
Configuration
Reports
Help
Subscription not active
Hello devante.wilson
Log out
Add content
Find content
Edit shortcuts
Main menu
LIST LINKS
EDIT MENU
Home » Administration » Structure » Menus » Main menu
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the available updates page for more information and to install your missing updates.
Menu name *
main-menu
A unique name to construct the URL for the menu. It must only contain lowercase letters, numbers and hyphens.
Description
The Main menu is used on many sites to show the major sections of the site, often in a top navigation bar.
Save
Step 3. Activate functionality
Step 4. Start publishing content
2:07 AM
10/3/2015

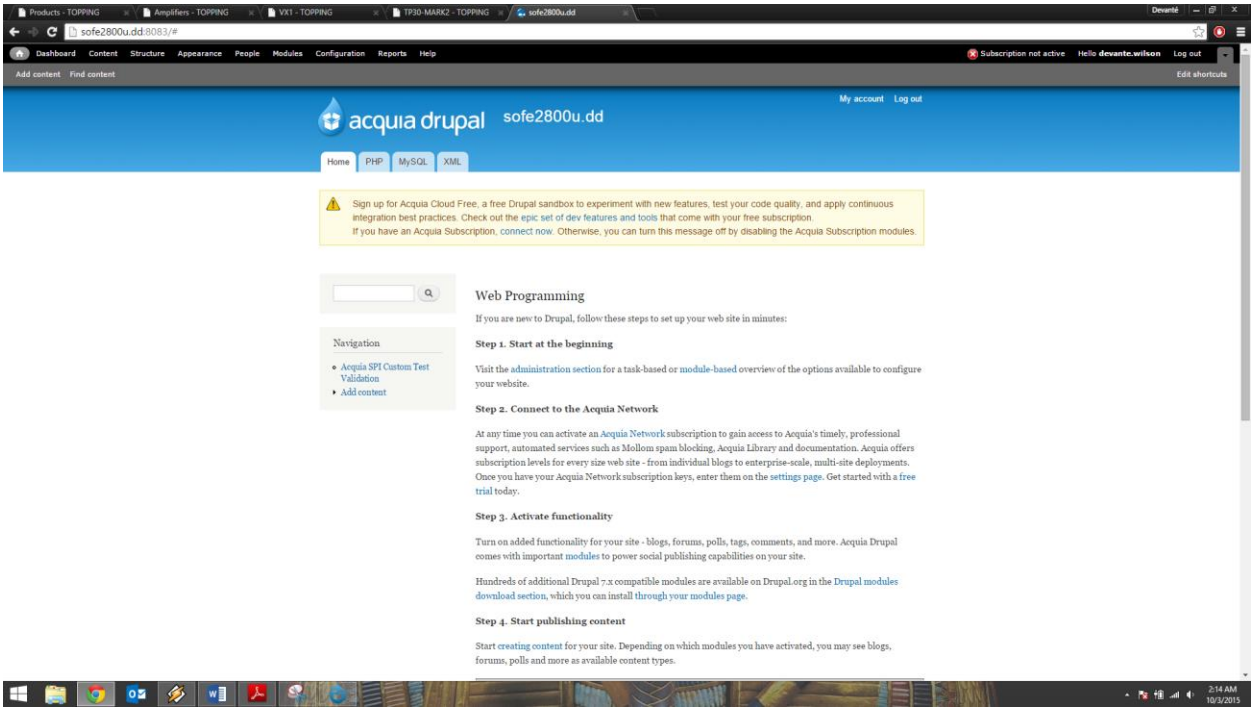
4.


Products - TOPPING
Amplifiers - TOPPING
VX1 - TOPPING
TP30-MARK2 - TOPPING
Main menu | sofe2800u.dd
sofe2800u.dd:8083/#overlay=admin/structure/menu/manage/main-menu
Dashboard
Content
Structure
Appearance
People
Modules
Configuration
Reports
Help
Subscription not active
Hello devante.wilson
Log out
Add content
Find content
Edit shortcuts
Main menu
LIST LINKS
EDIT MENU
Home » Administration » Structure » Menus
Sign up for Acquia Cloud Free, a free Drupal sandbox to experiment with new features, test your code quality, and apply continuous integration best practices. Check out the epic set of dev features and tools that come with your free subscription.
If you have an Acquia Subscription, connect now. Otherwise, you can turn this message off by disabling the Acquia Subscription modules.
There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the available updates page for more information and to install your missing updates.
Add link
Show row weights
MENU LINK
ENABLED
OPERATIONS
Home
Web Programming
PHP
MySQL
XML
edit
delete
Save configuration
Step 3. Activate functionality
Step 4. Start publishing content
2:07 AM
10/3/2015

5.



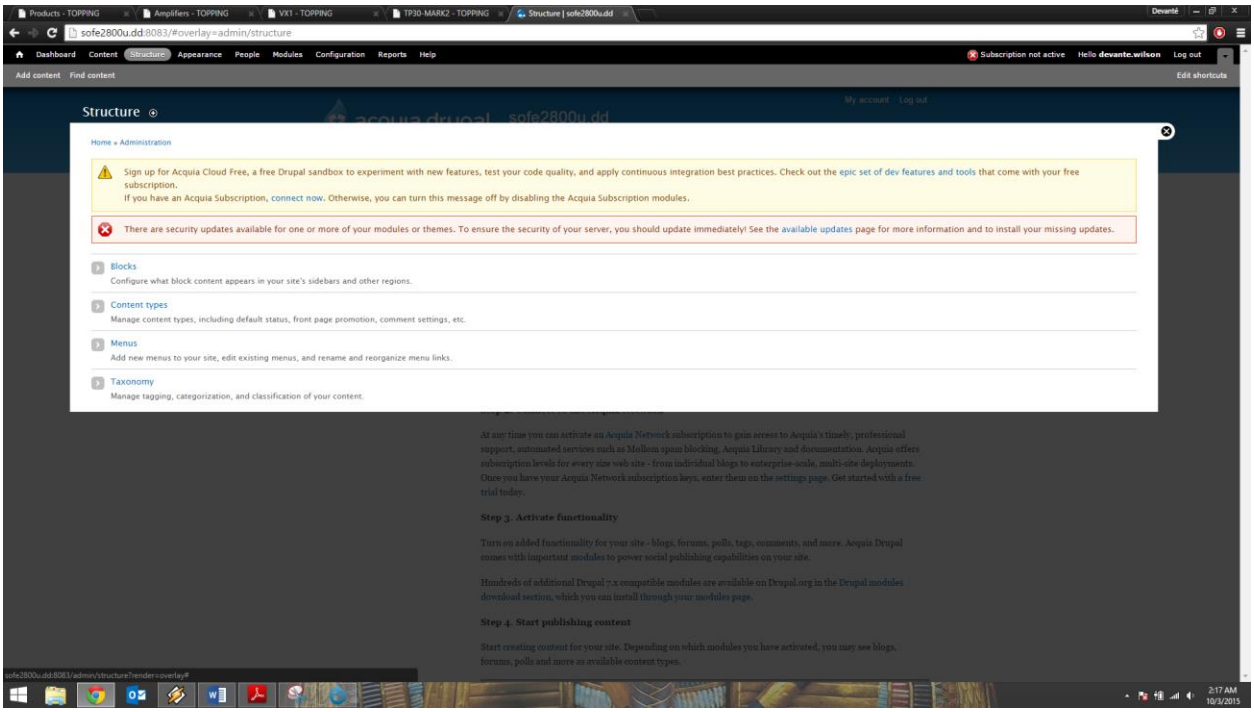
6./7. (The PDF said delete the Home tab, however question 5 says the Home tab must be there. Thus, I think it meant the Web Programming tab to delete).



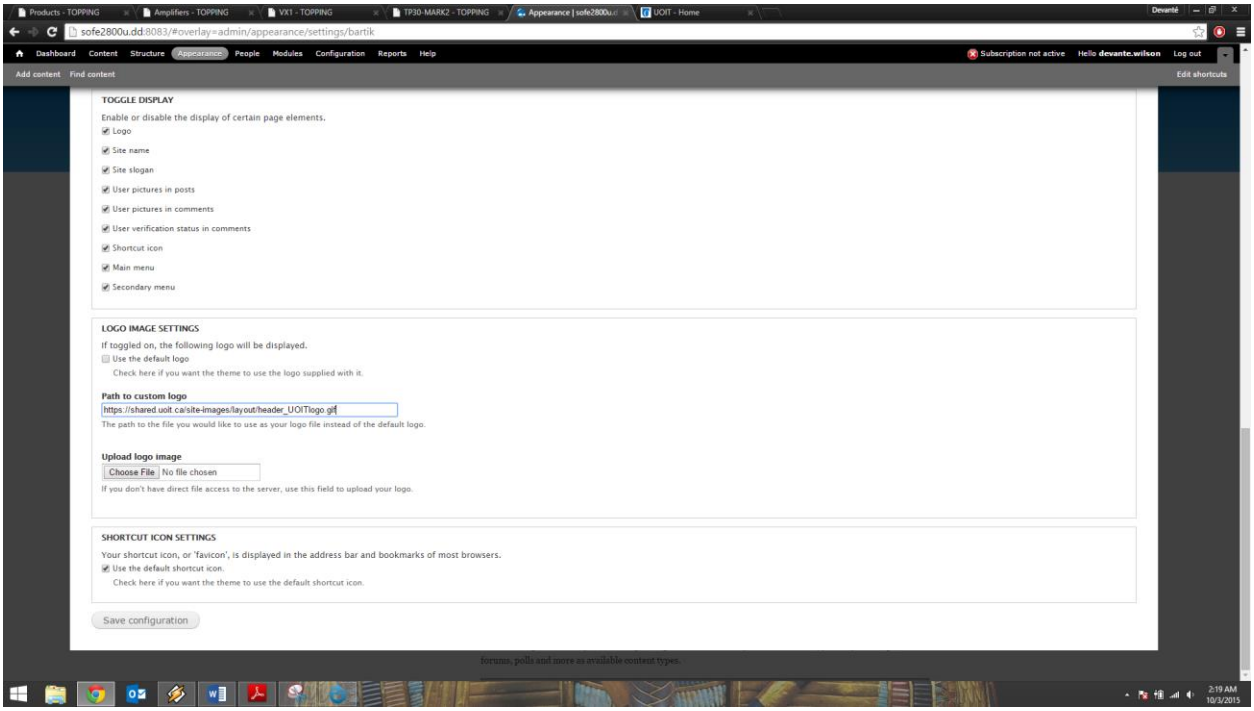
8. Blank question?

9. Same as 6./7.

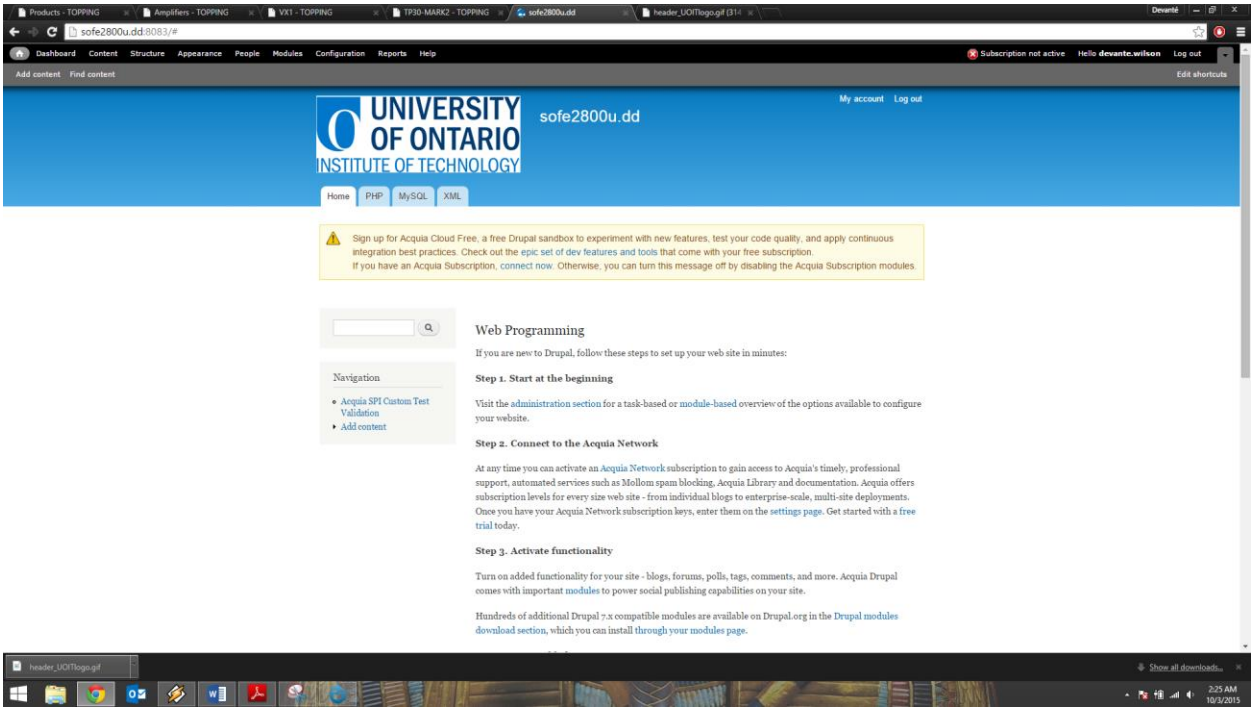
10.



11.



12.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If you are new to Drupal, follow these steps to set up your web site in minutes:
Step 1. Start at the beginning
Visit the administration section for a task-based or module-based overview of the options available to configure your website.
Step 2. Connect to the Acquia Network
At any time you can activate an Acquia Network subscription to gain access to Acquia's timely, professional support, automated services such as Mollom spam blocking, Acquia Library and documentation. Acquia offers subscription levels for every size web site - from individual blogs to enterprise-scale, multi-site deployments. Once you have your Acquia Network subscription keys, enter them on the settings page. Get started with a free trial today.
Step 3. Activate functionality
Turn on added functionality for your site - blogs, forums, polls, tags, comments, and more. Acquia Drupal comes with important modules to power social publishing capabilities on your site.
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