**CPSC 1030 Web Development 1  
Lab 12– View port and Media query [30 marks]**

When you are finished, the website will look like below:

|  |  |
| --- | --- |
| Desktop display | Smart phone display |

**TASK 7: CONFIGURE THE SMARTPHONE CSS.**Open javajam.css in a text editor. Note that any device with a screen max-width of 1024 pixels or less will apply the styles you coded in Task 6. In this task you will code additional styles needed for smaller devices. Edit the style rules as follows:

* Code the following new styles within the media query:
* Configure the h1 element selector. Set 2em font size, centered text, and 0 left padding.
* Configure the nav element selector. Set the margin to 0.
* Configure the anchor tags in the navigation area. Code a style rule for the nav aselector. Set the display to block, padding to 0.2em, and width to auto. Also configure a 1 pixel bottom border (use #FEF6C2 for the border color).
* Configure the nav li selector. Set the display to block.
* Configure the main element selector. Set top padding to 1px.
* Configure the h2 element selector. Set 0.5em top padding, 0 right padding, 0 bottom padding, and 0.5em left padding. Set the right margin to 0.5em.
* Configure the details class selector. Set left and right padding to 0.
* Configure the #heroroad, #heromugs, and #heroguitar selectors. Set the background image to none. Set the height to auto.
* Configure the floatleft class selector. Set left and right padding to 0.5em.
* Remember the telephone number hyperlink you created in Task 2? Configure the CSS for the phone number display as shown below:

#mobile { display: inline; }

#desktop { display: none; }

Save the javajam.css file. Use the CSS validator to help you find syntax errors.

Display your pages in a desktop browser. The pages should look the same as they did before you started this case study.

Next, test the mobile display. **Publish** your website on the institutional server and open the website from your mobile. Your mobile display should be similar to above figure. Select the hyperlinks to view the Menu and Music pages. They should be similar to the home page. JavaJam is mobile!

Test your responsive web pages using the following online tools that provide instant views of your web page in a variety of screen sizes and devices:

* Am I Responsive [http://ami.responsivedesign.is](http://ami.responsivedesign.is/)

**Deliverables**

Submit the link of your website.