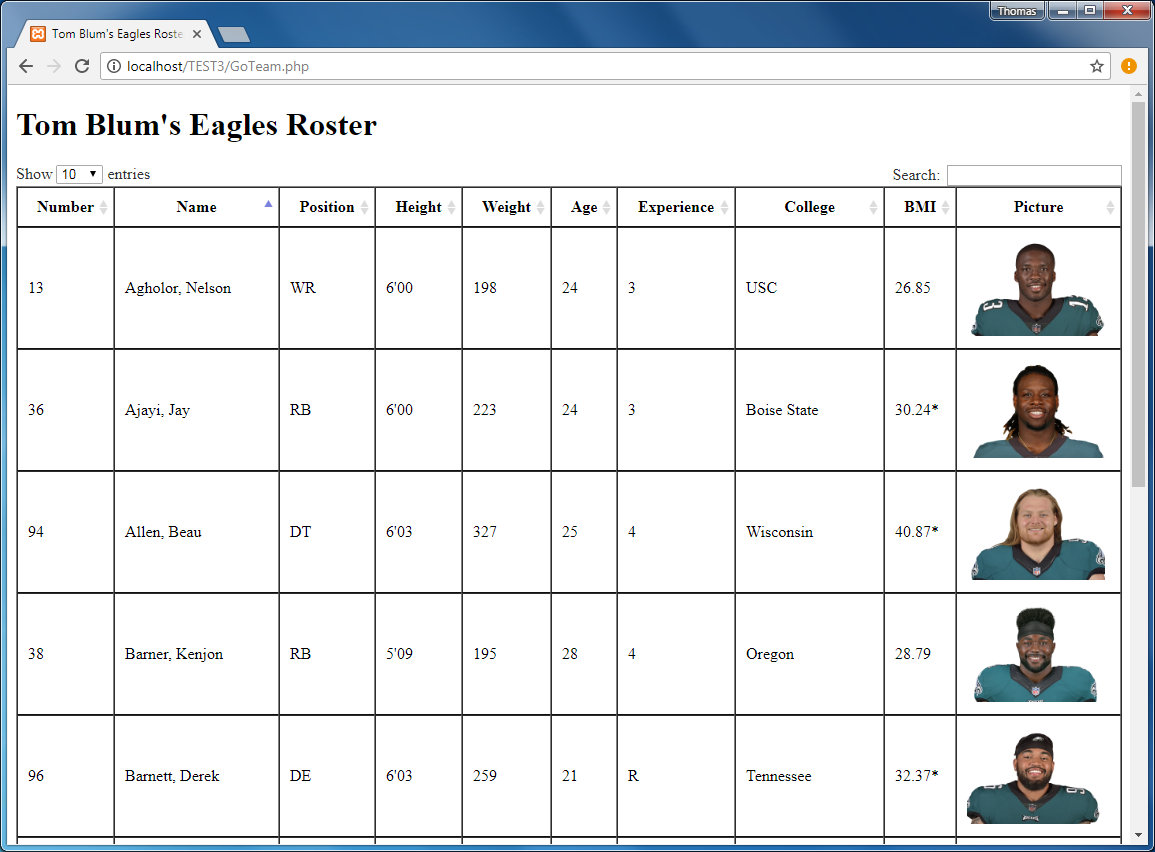
CSC 341

November 8, 2017

**Eagles Datatable**

**Comment out code that is not working that you wish to be considered for partial credit.**



Make a file so that

1. It has a title “John Smith's Eagles Roster” with John Smith replaced by your name.
2. It has header “John Smith's Eagles Roster” with John Smith replaced by your name.
3. It has an HTML comment with your name.
4. It has a PHP comment with your name.
5. It has PHP code that reads the JSON file Eagles.json.
6. The PHP code displays all of the information in a DataTable. The user should be able to sort and search the data (that is, it should have the built-in data-table functionality).
7. Use PHP to add another column to the table for a player’s BMI.
   1. To calculate the BMI, first split the player’s height into two parts using PHP’s explode method. (http://php.net/manual/en/function.explode.php)
   2. Then get the height in “all inches” by multiplying the first part (the height in feet) by 12 and adding the second part (the height in inches). For example 6’3 🡪 6\*12+3 🡪 75
   3. Then calculate the BMI using

BMI = 703\*weight/(all\_inches\*all\_inches)

For example, Derek Barnett, 6’3 and 259 lbs 🡪 32.37

* 1. Use PHP’s round method to display up to 2 decimal places. (<http://php.net/manual/en/function.round.php>)
  2. Add an asterisk next to any BMI that is greater than or equal to 30.

1. Use PHP code to add yet another column that should display an image element. The image files provided correspond to the player’s number. You have to concatenate the file extension ***.png*** to the player’s number to construct the image file, then make it the src of a img element. Give the img element a height of 100 (pixels).
2. Print out your code. Zip up the files and email them.