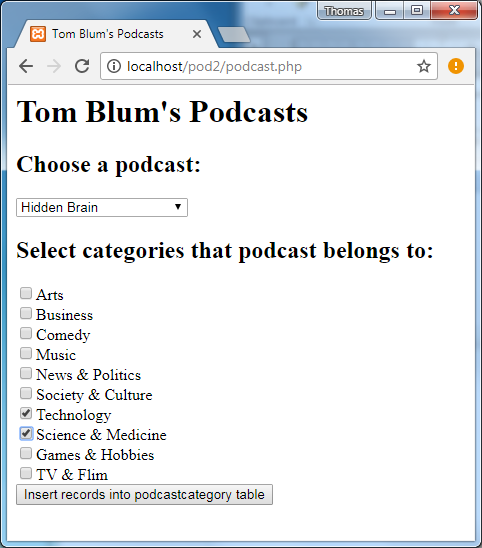
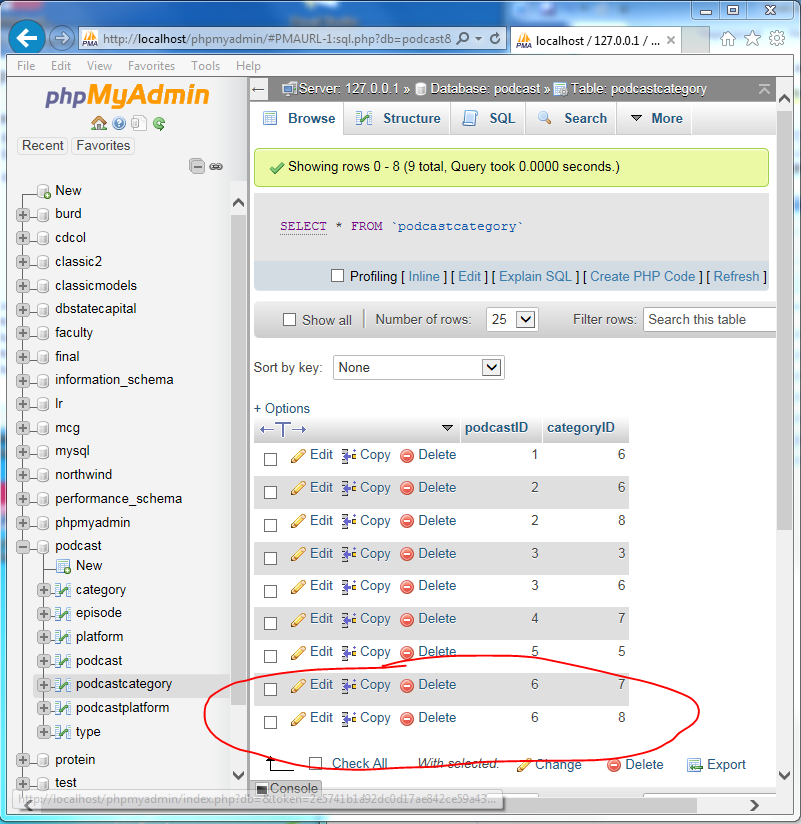
**Podcast-Category Insert**.

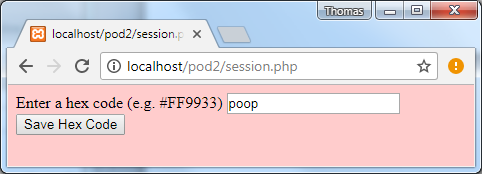
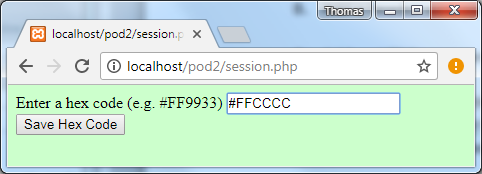
Take the **podcast.php** and **Credentials.php** file – more or less the answer to Test 3. It has a form that has an action of other.php and uses a post method. It sends the handler an id for a podcast and an array of corresponding category IDs. Create the file other.php (you can rename it).

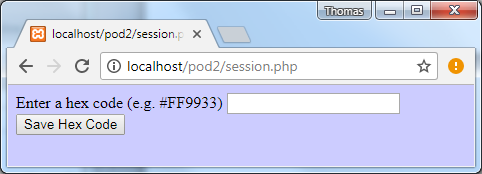
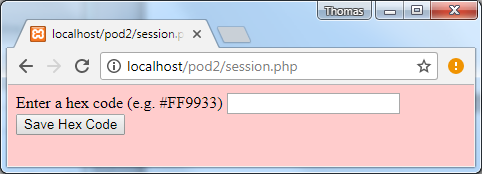
1. It should have a title with your name and PHP comment with your name.
2. Use isset to check if any categories were selected, echo out a message if none were.
3. It should retrieve the podcast ID and category ID array.
4. It should connect to the database.
5. It should loop through the category ID array and perform an INSERT into the podcastcategory table.

You can use the SQL code below to add an additional podcast if needed for testing purposes.

[INSERT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/insert.html) INTO `podcast`.`podcast` (`podcastID`, `podcastName`, `podcastDesc`, `podcastStartDate`, `podcastEndDate`, `podcastSubscriberCount`, `typeID`) [VALUES](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_values) (NULL, 'Hidden Brain', 'he Hidden Brain helps curious people understand the world – and themselves. Using science and storytelling, Hidden Brain''s host Shankar Vedantam reveals the unconscious patterns that drive human behavior, the biases that shape our choices, and the triggers that direct the course of our relationships.', '2015-12-17', NULL, '12000', '1');

**Color Session**





The file session.php has a form that is handled by the file itself. In it you will find a php code section with an if-statement that determines whether it is responding to a user’s click (a POST) or whether the page is starting or if you closed the tab but not the browser and then return to the page (not a POST).

1. Start a session
2. Add a header with your name.
3. Add an HTML comment with your name.
4. When the page is a “POST” (responding to user’s click), test that user’s entry for the proper hexcode format – a # followed by **six** characters from 0-9 A-F (case-insensitive). The following code snippet might help

// The "i" after the pattern delimiter indicates a case-insensitive search if (preg\_match("/php/i", "PHP is the web scripting language of choice.")) {

echo "A match was found.";

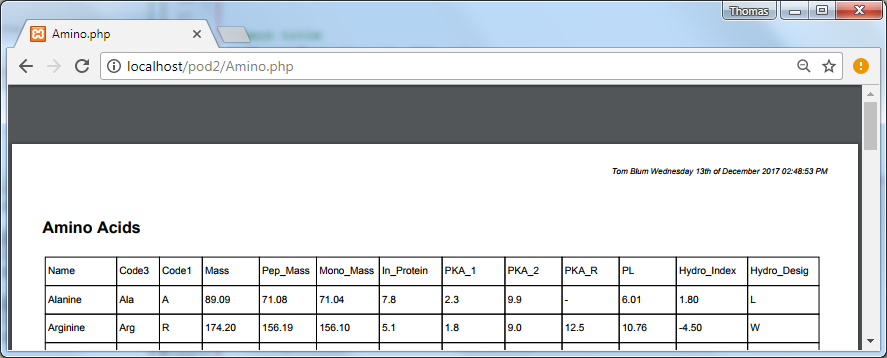
} else {

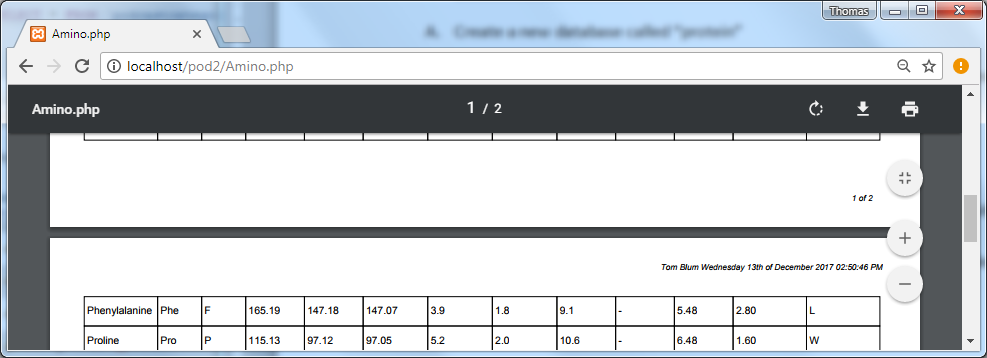
echo "A match was not found.";

}

1. If it matches the pattern, echo out the hexcode and set a session variable to the hexcode value. If it does not match echo out “#CCCCFF” (light blue).
2. When it not a POST, determine if a hexcode session variable is set. If so, echo out the session variable. If not echo out “#CCFFCC” (light green).

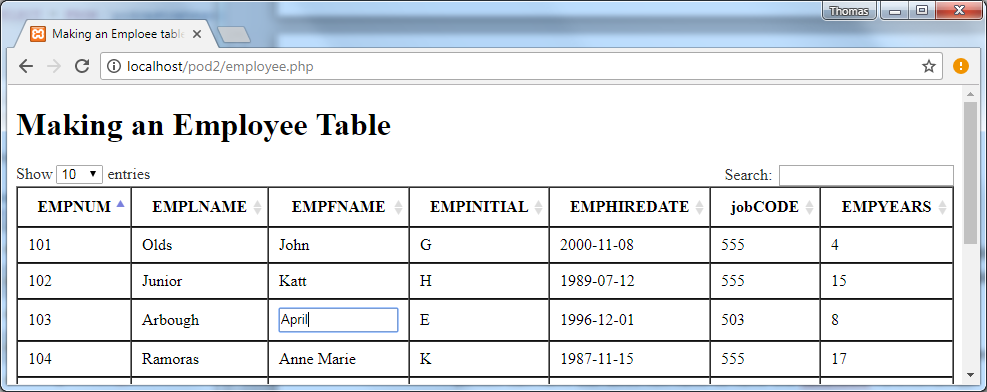
**Amino Acid PDF**

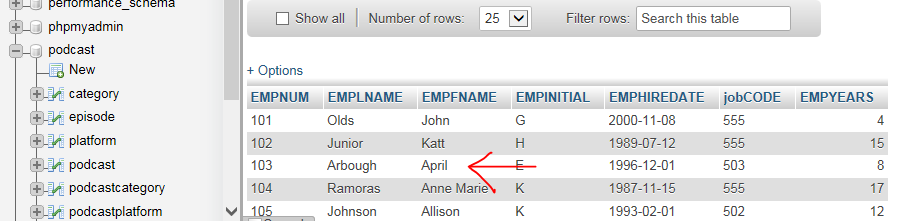




1. Create a new database called “protein”
2. Create a user “peter” for database who has “localhost” access and a password of “pumpkin”
3. Make a file Credentials**2**.php with these values
4. Use the code in AminoAcid.sql to create an AminoAcid table with data.
5. Make a PHP page that will produce a PDF page. Have a PHP comment with your name.
6. Do a SELECT \* query. The results should be written to a table in a PDF file. The column widths should vary – for instance the Names are longer than the code.
7. The PDF file should have a landscape orientation.
8. It should have a header (on each page) that includes your name and the date that the data was pulled from the database. It should be in italics.
9. It should have a footer (on each page) that says what page out of how many total pages.

**JEditable Update Table**





1. Using the same protein database (I know it makes no sense) run the script finalemployee.sql to create a table consisting of 7 fields (EMPNUM, EMPLNAME, EMPFNAME, EMPINITIAL, EMPHIREDATE, jobCODE and EMPYEARS).
2. Make a PHP page that places the data from the database table and places it into an HTML table (which can have but does not have to have the datatable functionality).
3. Add an HTML comment, a title, and a header – all with your name
4. The cell containing the EMPNUM field should **not** be editable.
5. The remaining cells should be “J-editable”.
6. The “J-edit” functionality should be handled by **a second PHP file** that updates the database.
7. The second PHP page should have a PHP comment with your name.