Assignment #9
CSC 301-001
Fall 2015

This is a continuation of Assignment #8.

1. Edit estimates.php removing “Type of Job” from the form.
2. Remove $myJob anywhere it occurs in estimates.php.
3. Edit painter.css. In the class .labelCol, change the width to 150px.
4. Under State, add a text box for Room Length. You might copy the <div> around City and edit it.
5. Under the text box for Room Length, add a text box for Room Width.
6. Add radio buttons for Paint Type. There are two type of paint: Regular and High Quality. You might copy the <div> around City and edit it.
7. We will write a function create_paint_radio to create the radio buttons. (See Script 3.8 lines 6-19 on page 98).
8. Then, we will call create_paint_radio twice for each of the two radio buttons. (See Script 3.9 lines 54-58 on page 99).
9. This is what estimates.php should look like at this point.

10. We need to validate the Room Length, the Room Width, and the Paint Type. You can do this as in Script 2.4 lines 16-22 on page 50.
11. Room Length and Room Width are numbers so you can copy the validation for Zip Code, edit it for Room Length and for Room Width, and test them with the is_numeric function.
12. For Paint Type, you can copy the validation for City, edit it, and test to see if it is empty.
13. Write a function `calculate` to estimates the cost of painting the room.

```php
function calculate($length, $width, $paint)
{
    return $estimate;
}
```

14. You need to calculate the size of the room in square feet. The room has 4 walls and a ceiling.
    We will assume the height of the walls is 8 feet.
15. The area of two of the walls is length times height.
16. The area of the other two walls is width times height.
17. The area of the ceiling is length times width.
18. The size of the room is the area of the 4 walls plus the area of the ceiling.
19. If the paint is Regular the charge is $1.75 per square foot.
20. If the paint is HighQuality, the charge is $2.50 per square foot.
21. Calculate the cost by multiplying the room size by the cost per square foot. Multiply the cost by
    0.80 because windows do not get painted to obtain the estimate.
22. Calculate should return the estimate.
23. In `estimates.php`, remove the echo the Name, E-Mail, Zip Code, and State.
24. Replace by calling the function `calculate` and is display the cost of the paint job.
25. Fix the “if” around calling `calculate` and displaying the cost to include `$myLength`&&
    `$myWidth`&& `$myPaint`.
26. Upload your Pasha folder to csweb.hh.nku.edu.
This is what your output look like if the form is successfully submitted.

To see what your output should look like, go to
http://csweb.hh.nku.edu/csc301/frank/Pasha9/estimates.php

When you have completed this assignment, email the link to estimates.php to frank@nku.edu with “Subject: CSC301 Assn#9”. Attach estimates.php to your email.