



Midterm Examination - CS601

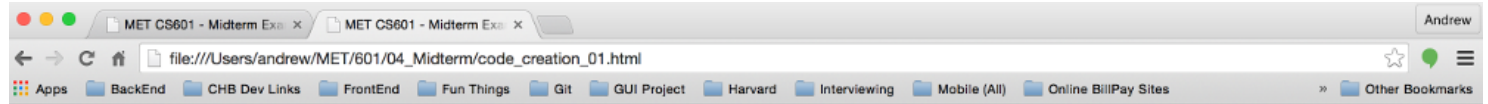
Question 1

*If there are no errors say, "There are no errors." in your answer.
Otherwise, fix the anything that needs to be corrected.*

```
<style href="/styles/../../core.css">  
  , [title="target"]  
  {  
    font-face: ('bold'),  
    font-color: hex(5544400),  
  }  
</style>
```

Question 2

The content on this page you see below is centered. The grey color you see is #666. The overall width is 800 pixels. You do not have to code the, "Replicate the HTML code below. There is no javascript. Do not use a <table>



Question 3

Right the CSS and HTML that answers the question.

Float a series of images down the right side of a page, in a nice, straight column, with content flowing right next to each image.

Question 4

Fix the code.

```
<?php
_orderId = 87389939;
_shipper = $_POST[shipping_method];
_shipping-Cost = 0.0;
_upsOverage = 1

switch(_shipper)
{
    case UPS
        echo "calculating shipping for " + _orderId;
        _upsOverage = "$" + .7;
        _shipping-Cost = _upsOverage * 1.8
    case DHL
        echo "cal"culating shipping + costs;
    default
        die();
}
?>
```

Question 5

Write code.

Using only div's, and CSS, replicate the header elements style and behavior.

Question 6

The content on this page is centered. The grey color you see is #666. The overall width is 800 pixels. The column headers background color is cornsilk.

MET CS601 - Midterm Exam X

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Andrew

file:///Users/andrew/MET/601/04_Midterm/code_creation_02.html

Apps

BackEnd

CHB Dev Links

FrontEnd

Fun Things

Git

GUI Project

Harvard

Interviewing

Mobile (All)

Online BillPay Sites

Outlook Calendar jg

Other Bookmarks

Replicate the HTML code below.

There is no javascript. This question uses a <table>

The link to this information: <http://www.baseball-reference.com>

Player Name	Height	Weight	Position	2015 Contract Status
Omar Infante	5'11	225	Second Baseman, Shortstop and Third Baseman	Signed thru 2017, 4 yrs/\$30.25M
Alex Rodriguez	6'6	235	Pitcher	Signed thru 2017, 10 yrs/\$252.87M
John Lackey	6'3	225	Short Stop, 3 rd Base	Signed thru 2015, 6 yrs/\$83M

file:///Users/andrew/MET/601/04_Midterm/midterm_fall_2015.html

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Question 7

Is this statement true or false:

PHP does require you to declare a data type.

Question 8

Why isn't this code working? (\$num is not getting the value from the HTML form.)

```
<form method="post" action="target.php">  
  <input type="number" value="test" name="phone" />  
</form>
```

```
<?php $num = $_get[number]; ?>
```

Question 9

Explain your answer using code.

Does height and width have anything to do with the "The Box Model" in CSS? Write a small sample that demonstrates why or why not.

Question 10

If we were on a HTML page that was very, very long (The height of the page requires you to scroll down) and we wanted to provide a link that brings me back to the top of that same page, how would you implement that?

Do not use JavaScript in your answer.

Question 11

Create a page (see the sample page below) that asks the user to authenticate.

When the user clicks the button, make a request to your localhost to check a "users" table in your "midterm" database.

Assume you have that database ("midterm") created on your localhost, with that table ("users") already there. In the "users" table, you have 2 columns, username and password.

You have to use the PDO API to check that table in that database.

Return the data back to the caller, with "result": "success" or "failed"

Authenticate Yourself

Username

Password

Authenticate

When authentication failed:

Authenticate Yourself

Username

Password

There was a problem and we could not authenticate you.

Question 12

Write the CSS and HTML to accomplish the result.

Float an image to the right of a block of text and apply a border to the image.

Question 13

Fix the issues

```
@media only-screen  
  and (minimum-device-width -> 320px)  
  and (maximum-device-width -> 480px)  
  .odd { width -> 20%; }  
}
```

Question 14*Correct the HTML code.*

```
<table>
<tr>
  <td>
    <caption colspan="2">Age Progression Chart</caption>
  </td>
</tr>
<body>
  <tr>
    <td><h3>There is no data.</h3></td>
  </tr>
</body>
</table>
```

Question 15

Would this CSS rule work with the HTML below?

`cite > em + span`

The code:

```
<p>
<div>
  <cite>
    <em><span>testing</span>
  </cite>
  <cite>Hi</cite>
    <em><span>There</span>
  </div>
</p>
```
