**IST144 Mid-Term Exam** 10/25/2022

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the correct HTML for adding a background color?

<body bg="yellow">

<body style=”backgrould-color:yellow;”>

<background>yellow</background>

1. What is the correct HTML for creating a hyperlink?answer

<a>http://www.w3schools.com</a>

<a href=”<http://www.w3schools.com>”>W3Schools</a>

<a name="http://www.w3schools.com">W3Schools.com</a>

<a url="http://www.w3schools.com">W3Schools.com</a>

1. Which of these elements are all <table> elements?

<thead><body><tr>

<table><head><tfoot>

<table><tr><tt>

<table><tr><td>

1. How can you make a numbered list?

<dl>

<list>

<ol>

<ul>

1. What is the correct HTML for making a drop-down list?

<input type="dropdown">

<input type=”list”>

<select>

<list>

1. Check the following HTMLs and answer the questions.

<img src="img\_girl.jpg" alt="Girl in a jacket" width="500" height="600">

<img src="img\_girl.jpg" alt="Girl in a jacket" style="width:500px;height:600px;">

<p><img src="smile.gif" alt="face" style="width:42px;height:42px;"> This is the text mixed with image.</p>

1. What is the attribute “alt” used for?
2. What is the difference between first img HTML and second img HTML?
3. How can you move the img to the right of the text in third p HTML?
4. Write an image link HTML ( when you clip the image, you jump to target URL )
5. Try to find error in the following Image Maps code.

Also beside the shape “rect” and “circle”, what else you can have for shape?

<img src="workplace.jpg" alt="Workplace" usemap="#workmap" width="400" height="379">

<map name="sample">

<area shape="rect" coords="34,44,270,350" alt="Computer" href="computer.htm">

<area shape="rect" coords="290,172,333,250" alt="Phone" href="phone.htm">

<area shape="circle" coords="337,300,44" alt="Cup of coffee" href="coffee.htm">

</map>

1. Check the following code and answer the questions:

<style>

body {

background-image: url('img\_girl.jpg');

background-repeat: no-repeat;

background-attachment: fixed;

background-size: cover;

}

</style>

1. How to repeat the background the image? ( write the style code below )
2. What does “fixed” mean for background-attachment?
3. If we set background-size to “100% 100%”, what is the difference between “cover” and “100% 100%” ?
4. Go to Picture Element example:

https://www.w3schools.com/html/html\_images\_picture.asp

<picture>  
  <source media="(min-width: 650px)" srcset="img\_food.jpg">  
  <source media="(min-width: 465px)" srcset="img\_car.jpg">  
  <img src="img\_girl.jpg">  
</picture>

You will see food, car and girl when the screen width reduces from big to small.

Try to use “max-width” to show girl, car and food when the screen width reduce from big to small. Test the code in “Try it Yourself” and copy them below.

1. Create a Bookmark and add a link to bookmark.

In the following code, create two bookmarks in Chapter 3 and Chapter 8.

Then add two links which will jump to those two bookmarks.

<!DOCTYPE html>

<html>

<body>

<h2>Chapter 1</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 2</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 3</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 4</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 5</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 6</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 7</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 8</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 9</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 10</h2>

<p>This chapter explains ba bla bla</p>

</body>

</html>

1. Create an iframe in your page, how can you show <https://www.mccc.edu> in the iframe when you click a link?
2. Let’s say you have file folder called Projects, under Projects folder, there is another folder called HTML (Projects/HTML), the following html code is in file images.htm under folder HTML.

Please list the folders where the picture.jpg located.

<img src="https://www.w3schools.com/images/picture.jpg" alt="Mountain" style="width:300px">

<img src="./images/picture.jpg" alt="Mountain" style="width:300px">

<img src="../images/picture.jpg" alt="Mountain" style="width:300px">

<img src="images/picture.jpg" alt="Mountain" style="width:300px">

1. Responsive Images

<img src="img\_girl.jpg" **style="width:100%;"**>

<img src="img\_girl.jpg" style="**max-width:100%;**height:auto;">

What is the difference between style=”width:100%” and style=”max-width:100%” ?

How to responsive text size?