**Practical 03: Cascading Style Sheets –Part 1 and Part 2**

**Section A:**

**Lab Exercise (Compulsory)**

Book : Carey, P. 2017. New Perspectives on HTML5 and CSS – Comprehensive. 7th Edition. CengageLearning.

Page : 158 to 160, **Cascading Style Sheets –Part 1**

Exercise (s): Review Assignments

Page : 247 to 248,  **Cascading Style Sheets –Part 2**

Exercise (s): Review Assignments

**Additional Lab Exercise (Optional)**

Book : Carey, P. 2017. New Perspectives on HTML5 and CSS – Comprehensive. 7th Edition. CengageLearning.

Page : 160 to 163,

Exercise (s): Case Problem 1

**Section B:**

Question 1

Write HTML statements with inline styles to accomplish the following tasks:

1. Change the Web page’s font color to blue, the background color to the value (20,121,125) and text in Courier New Font, or in sans-serif font if that specific font is not available.
2. Set the font size of a paragraph to 18 points, double-spaced and kerning to 1.5em.
3. Use span element with single font style to display the words “Tar College” in 16pt, bold and monospace font.
4. Change the words “Tar College” to small capital letter and the space between lines to 24 points.
5. Set the dimension of the image file *car.jpg* to 250 pixels wide by 400 pixels high, 12 pixels margin to all four margin of the image and float it to the left margin.
6. Places the image file *mark.jpg* in element’s background, fixed at the top center with no tiling.

Question 2

Create an embedded style sheet that contains the following styles:

* Display the color of all boldfaced text found in lists in green color.
* Set all paragraphs to be double-spaced.
* Set the padding within all h1 headings to 12 pixels.
* Set the font size of an element with the class name “general” to 10 points.

Question 3

Construct the style declarations in external CSS file with the following styles descriptions:

* Align all headings to center of the Web page.
* Set all boldfaced text in paragraphs to red colour.
* Set the font size of an element with the id “title” to 22 points.
* Set the width of the class name “header” to 450 pixels.
* Display a yellow background on links whenever the mouse hovers over them.

Question 4

1. Describe the following types of style sheets

* Inline styles
* Embedded styles
* External styles

1. Identify types of style sheets for the elements within index.html and coachstyles.css.

**index.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta content="text/html; charset=utf-8" http-equiv="Content-Type" />

<title>Untitled 1</title>

<link href="coachstyles.css" rel="stylesheet" />

<style type=”text/css”>

p {color: blue; font-family: serif}

</style>

</head>

<body>

<h1 style="background:gray">Welcome to TSS</h1>

<h2>Meet our Coaches</h2>

<aside>

<blockquote>

I have been given great feedback and encouragement by the TSS coaches.This last winter I took part in the Winter Cycling class and it made a huge difference to my spring rides. The coaches are caring professionals and they know their business.

</blockquote>

</aside>

<p>Our mission at TSS is to help you reach your athletic goals through motivation, support, and education. We have years of experience with athletes of all ages and abilities and we're happy to assist any athlete committed to pursuing his or her dreams. </p>

<p style="color:green">We offer one-on-one coaching, evaluation, and instruction; but we also offer small group practices. Our classes are never large in number. We believe that a low coach-to-athlete ratio provides the best results in the shortest time. </p>

</body>

</html>

**coachstyles.css**

p {color: red; font-size: 10pt}

Answer:

|  |  |  |
| --- | --- | --- |
| Inline styles | Embedded styles | External styles |
|  |  |  |

C) Specify the color for the following elements.

|  |  |
| --- | --- |
| Element | Font color |
| first paragraph of the index web page |  |
| second paragraph of the index web page |  |