**9-10 LABORATORY WORK.** Date acquisition from the server. Design of the graphic interface Web application. Creation of styles.

**Work purpose:** To study CSS technology bases on the example of development of own website.

***Styling HTML with CSS***

*CSS stands for Cascading Style Sheets.*

*CSS describes how HTML elements are to be displayed on screen, paper, or in other media.*

*CSS saves a lot of work. It can control the layout of multiple web pages all at once.*

*CSS can be added to HTML elements in 3 ways:*

***Inline*** *- by using the style attribute in HTML elements*

***Internal*** *- by using a <style> element in the <head> section*

***External*** *- by using an external CSS file*

***Inline CSS***

*An inline CSS is used to apply a unique style to a single HTML element.*

*An inline CSS uses the style attribute of an HTML element.*

*This example sets the text color of the <h1> element to blue:*

Example

*<h1 style="color:blue;">This is a Blue Heading</h1>*

***Internal CSS***

*An internal CSS is used to define a style for a single HTML page.*

*An internal CSS is defined in the <head> section of an HTML page, within a <style> element:*

*Example*

*<!DOCTYPE html>*

*<html>*

*<head>*

*<style>*

*body {background-color: powderblue;}*

*h1 {color: blue;}*

*p {color: red;}*

*</style>*

*</head>*

*<body>*

*<h1>This is a heading</h1>*

*<p>This is a paragraph.</p>*

*</body>*

*</html>*

***External CSS***

*An external style sheet is used to define the style for many HTML pages.*

*With an external style sheet, you can change the look of an entire web site, by changing one file!*

*To use an external style sheet, add a link to it in the <head> section of the HTML page:*

*Example*

*<!DOCTYPE html>*

*<html>*

*<head>*

 *<link rel="stylesheet" href="styles.css">*

*</head>*

*<body>*

*<h1>This is a heading</h1>*

*<p>This is a paragraph.</p>*

*</body>*

*</html>*

*An external style sheet can be written in any text editor. The file must not contain any HTML code, and must be saved with a .css extension.*

*Here is how the "styles.css" looks:*

*body {*

 *background-color: powderblue;*

*}*

*h1 {*

 *color: blue;*

*}*

*p {*

 *color: red;*

*}*

***Мысал.***

Index.html

<html>

<head>

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

 <title> HTML - CSS</title>

<link rel="stylesheet" type="text/css" href="style.css" />

</head>

 <body>

 <div id="container">

 <div id="header"> сайт шапкасы

 </div>

 <div id="navigation"> навигация блогы

 </div>

 <div id="menu">Мәзір

 </div>

 <div id="content">Контент

 </div>

 <div id="clear">

 </div>

 <div id="footer"> сайт Подвалы

 </div>

 </div>

</body>

</html>

Style.css

body {

 background: #f3f2f3;

 color: #000000;

 font-family: Trebuchet MS, Arial, Times New Roman;

 font-size: 12px;

}

#container {

 background: #FFFFFF;

 margin: 30px auto;

 width: 900px;

 height: 1000px;

}

#header {

 background: #838283;

 height: 200px;

 width: 900px;

}

#navigation {

 background: #a2a2a2;

 width: 900px;

 height: 20px;

}

#menu {

 background: #333333;

 float: left;

 width: 200px;

 height: 600px;

}

 #content {

 background: #d2d0d2;

 float: right;

 width: 700px;

 height: 600px;

}

#clear {

 clear:both;

}

#footer {

 background: #838283;

 height: 180px;

 width: 900px;

}

Тапсырмалар. Төмендегі берілген нұсқалар бойынша HTML+СSS тілін қолдану арқылы *сайт интерфейсін құрыңыздар. Интерфейсте міндетті түрде гиперсілтемелер боуы керек, гиперсілтемені басқанда ол* content бөлімінде шығуы керек.

1.Авто салон

|  |
| --- |
| header |
| menu | content |
| footer |

2. Ресторан

|  |
| --- |
| header |
| menu |
| left | content |
| footer |

3. Химиялық тазалау дүкені

|  |
| --- |
| menu |
| header |
| content | menu |
| footer |

4. Емхана

|  |
| --- |
| header |
| menu | content | banner |
| footer |

5. Мектеп

|  |
| --- |
| header |
| content | menu |
| footer |

6. Киім-кешек дүкені

|  |
| --- |
| menu |
| header |
| content |
| footer |

7. Тұрмыстық техника дүкені

|  |
| --- |
| header |
| menu |
| content | banner |
|  |

8. Компьютер сату дүкені

|  |
| --- |
| header |
| menu | content | banner |
| footer |

9. Кітап дүкені

|  |
| --- |
| header |
| banner | content | menu |
| footer |

10. Құрылыс материалдары дүкені

|  |
| --- |
| header |
| menu |
| content | banner |
| footer |

11. Баспахана

|  |
| --- |
| menu |
| header |
| banner | content |
| footer |

12. Интернет дүкен

|  |
| --- |
| header |
| content | menu |
| footer |

13. Провайдер компания

|  |
| --- |
| header |
| menu | content | banner |
| footer |

14. Сақтандыру компаниясы

|  |
| --- |
| menu |
| header |
| content | banner |
| footer |

15. Сұлулық салоны

|  |
| --- |
| header |
| menu |
|  | content |
| footer |

16. Қазақ ұлыттық тағамдары

|  |
| --- |
| header |
| menu | content |
| banner |
| footer |