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ФАКУЛЬТЕТ _____ ИНФОРМАТИКИ И СИСТЕМ УПРАВЛЕНИЯ _____

КАФЕДРА _____ КОМПЬЮТЕРНЫЕ СИСТЕМЫ И СЕТИ (ИУ 6) _____

О т ч е т

по лабораторной работе № 1

Дисциплина: Языки программирования

Название лабораторной работы: Создание простейших HTML-страниц, валидаторы кода. Каскадные таблицы стилей CSS

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Москва, 2017

Задание 1.1:

- Выполнить разметку HTML-страницы на основе устаревших элементов.
- Написать не менее 10 строк произвольного текста.
- Указать шрифт текста.
- Выделить в каждой строке одно из слов жирным шрифтом и красным цветом.

Решение: разметка на рисунке 1, результат на рисунке 2.

```html
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title>Lab1.1.1</title>
    </head>
    <body>
        <p>B - You wanted <font color=red><b>me</b></font>, here I am.<br>
            J - I wanted to see what you would do and  you didn't <font color=red><b>disappoint</b></font> you let
five people die then you let dent take your place, even to a guy like me, that's cold.<br>
            B - Where's  <font color=red><b>Dent?</b></font><br>
            J - Those mob fools want you gone so they can get back to the way things were but I know the <font
color=red><b>truth</b></font>. There is no going back, you have changed things, forever.<br>
            B - Then why do <font color=red><b>you</b></font> wanna  kill me?<br>
            J - <font color=red><b>Ha-ha-ha</b></font> (that laugh) I don't.. I don't wanna kill you, what would I
do without  you? Go back to ripping off mob dealers? No, no, you...you complete me.<br>
            B - You are garbage who kills  for <font color=red><b>money</b></font>.<br>
            J - Don't talk like one of them. You are not. Even if you would <font color=red><b>like</b></font> to
be, to them you are just a freak..like me, they need you right now. But when they don't.. They will cast you out
like a leper you see their  morals, their code...its a bad joke, dropped at the first sign of trouble, they are
only as good as the world allows them to be. I will show you, when chips are down these civilized people...<br>
            They will eat <font color=red><b>each</b></font> other, see. I am not a monster, I am just ahead of the
curve.<br><br>
            The <font color=red><b>Dark</b></font> Knight / Тёмный Рыцарь [2008]<br> dir. <font
color=red><b>Christopher</b></font> Nolan
        </p>
    </body>
</html>
```
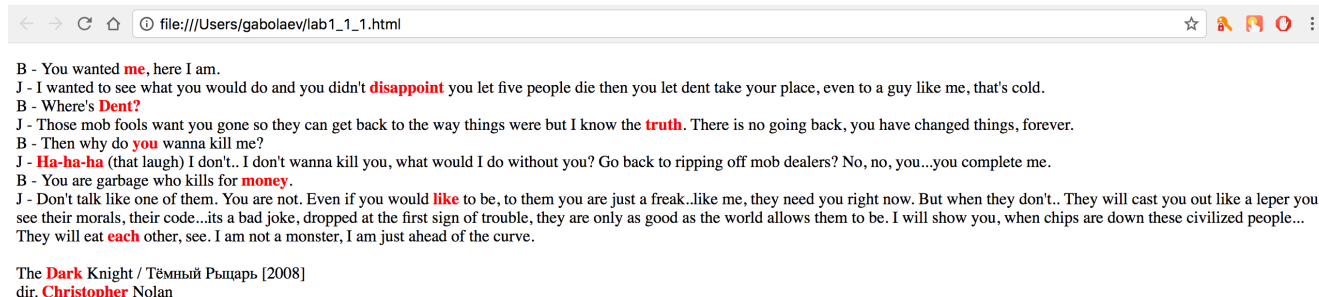
Рис. 1 — разметка

Рис. 2 — отображение

Задание 1.2:

- Подготовить второй вариант разметки, отличающийся шрифтом текста, а также выделенными словами.
- Заменить жирный шрифт курсивом, а красный цвет – синим.

Решение: разметка на рисунке 3, результат на рисунке 4.

```html
<!DOCTYPE html>
<html>
    <head>
        <style>
            .wrapper{
                span-family: monospace;
            }
            .wrapper .color{
                color: blue;
            }
            .wrapper .italic{
                font-style: italic;
            }
        </style>
        <meta charset="utf-8">
        <title>Lab1.1.2</title>
    </head>
    <body>
        <div class="wrapper">
            B - You wanted <span class="italic color">me</span>, here I am.<br>
            J - I wanted to see what you would do and you didn't <span class="italic color">disappoint</span> you
let five people die then you let dent take your place, even to a guy like me, that's cold.<br>
            B - Where's <span class="italic color">Dent</span>?<br>
            J - Those mob fools want you gone so they can get back to the way things were but I know the <span
class="italic color">truth</span>. There is no going back, you have changed things, forever.<br>
            B - Then why do <span class="italic color">you</span> wanna kill me?<br>
            J - <span class="italic color">Ha-ha-ha</span> (that laugh) I don't.. I don't wanna kill you, what
would I do without you? Go back to ripping off mob dealers? No, no, you...you complete me.<br>
            B - You are garbage who kills for <span class="italic color">money</span>.<br>
            J - Don't talk like one of them. You are not. Even if you would <span class="italic color">like</span>
to be, to them you are just a freak..like me, they need you right now. But when they don't.. They will cast you out
like a leper you see their morals, their code...its a bad joke, dropped at the first sign of trouble, they are only
as good as the world allows them to be. I will show you, when chips are down these civilized people...<br>
            They will eat <span class="italic color">each</span> other, see. I am not a monster, I am just ahead of
the curve.<br><br>
            The <span class="italic color">Dark</span> Knight / Тёмный Рыцарь [2008]<br>
            dir. <span class="italic color">Christopher</span> Nolan
        </div>
    </body>
</html>
```
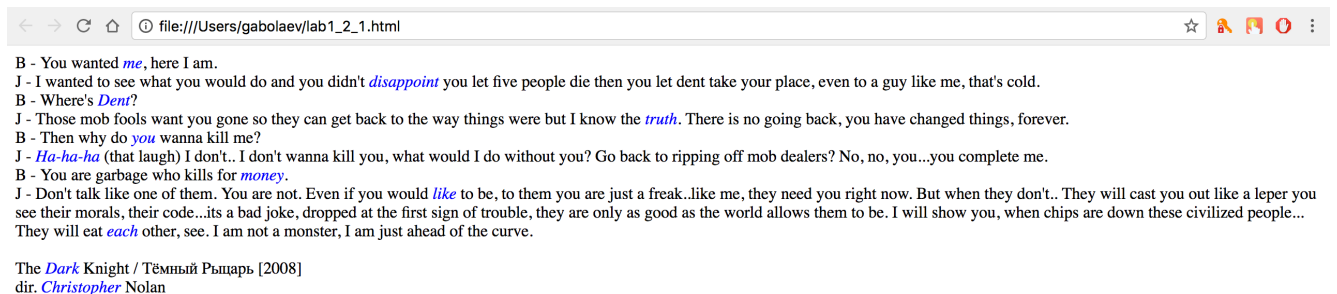
Рис. 3 — разметка

B - You wanted *me*, here I am.
J - I wanted to see what you would do and you didn't *disappoint* you let five people die then you let dent take your place, even to a guy like me, that's cold.
B - Where's *Dent*?
J - Those mob fools want you gone so they can get back to the way things were but I know the *truth*. There is no going back, you have changed things, forever.
B - Then why do *you* wanna kill me?
J - *Ha-ha-ha* (that laugh) I don't.. I don't wanna kill you, what would I do without you? Go back to ripping off mob dealers? No, no, you...you complete me.
B - You are garbage who kills for *money*.
J - Don't talk like one of them. You are not. Even if you would *like* to be, to them you are just a freak..like me, they need you right now. But when they don't.. They will cast you out like a leper you see their morals, their code...its a bad joke, dropped at the first sign of trouble, they are only as good as the world allows them to be. I will show you, when chips are down these civilized people...
They will eat *each* other, see. I am not a monster, I am just ahead of the curve.

The *Dark* Knight / Тёмный Рыцарь [2008]
dir. *Christopher* Nolan

Рис. 4 — отображение

Задание 2:

• Сформировать фрагмент расписания занятий с использованием элемента table.

Решение: разметка на рисунке 5, результат на рисунке 6.

```html
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title></title>
    </head>
    <body>
        <table border=1>
            <tr>
                <th rowspan="8">Среда</th>
            </tr>
            <tr>
                <th>Время</th>
                <th>Числитель</th>
                <th>Знаменатель</th>
            </tr>
            <tr>
                <td>08:30 - 10:05</td>
                <td colspan="2"></td>
            </tr>
            <tr>
                <td>10:15 - 11:50</td>
                <td colspan="2" align="center"> Онглеиский </td>
            </tr>
            <tr>
                <td>12:00 - 13:35</td>
                <td colspan="2" align="center"> Тервер семинарчек </td>
            </tr>
            <tr>
                <td>13:50 - 15:25</td>
                <td align="center"> Тервер лекшн </td>
                <td></td>
            </tr>
            <tr>
                <td>15:40 - 17:15</td>
                <td align="center"> Право </td>
                <td></td>
            </tr>
            <tr>
                <td>17:25 - 19:00</td>
                <td></td>
                <td></td>
            </tr>
        </table>
    </body>
</html>
```

Рис. 5 — разметка

Рис. 6 — отображение

Задание 3:

- Создать страницу, содержащую формулу для ввода минимальных сведений о человеке.
- На странице предусмотреть поля для ввода значений с клавиатуры, а также селекторы выбора готовых.

Решение: разметка на рисунке 7, результат на рисунке 8.

```html
<!DOCTYPE html>
<html>
    <head>
        <style media="screen">
            .anket{
                font-family: monospace;
                position: absolute;
                left: 36%;
                font-size: 20px;
            }
        </style>
        <meta charset="utf-8">
        <title></title>
    </head>
    <body>
        <form action="">
            <div class="anket">
                <label>What is your name?</label>
                <input type="text" name="name"><br>
                <label>How old are you?</label>
                <input type="number" name="age"><br>
                <label>What genger are you?</label><br><br>
                <input type="radio" name="genger" value="male" id="male"><label for="male">Male</label> <br>
                <input type="radio" name="genger" value="female" id="female"><label for="female">Female <br><br>
                <input type="submit" name="" value="Register">
            </div>
        </form>
    </body>
</html>
```

Рис. 7 — разметка

Рис. 8 — отображение

Вывод: изучена работа со старыми и новыми тегами HTML. Новые теги являются более удобными, так как предоставляют больше возможностей. Также изучено создание формы и таблицы.