*Федеральное государственное бюджетное образовательное учреждение* *высшего профессионального образования*

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|  | ***«Московский государственный технический университет  имени Н.Э. Баумана»***  ***(МГТУ им. Н.Э. Баумана)*** |

ФАКУЛЬТЕТ Информатика и системы управления

КАФЕДРА Системы обработки информации и управления (ИУ5)

**Отчет**

**по лабораторной работе №7**

**Дисциплина: Разработка Интернет-Приложений**

Студент гр. ИУ5-53Б  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Назаров М.М.

(Подпись, дата) (И.О. Фамилия)

Преподаватель  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Гапанюк Ю.Е.

(Подпись, дата) (И.О. Фамилия)

Москва, 2020

1. **Цель работы**

**Цель лабораторной работы:** изучение фреймворка Bootstrap.

1. **Задание**

Макет сайта должен включать следующие элементы:

1. Таблицы.
2. Элементы HTML-форм.
3. Панель навигации (в верхней части страницы).
4. Выпадающие списки кнопок (могут быть использованы в панели навигации).
5. Индикаторы прогресса.
6. **Код программы**
7. index.html

<!DOCTYPE html>

<html lang="ru">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-alpha2/css/bootstrap.min.css"

        integrity="sha384-DhY6onE6f3zzKbjUPRc2hOzGAdEf4/Dz+WJwBvEYL/lkkIsI3ihufq9hk9K4lVoK" crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

        integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"

        crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"

        integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"

        crossorigin="anonymous"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"

        integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"

        crossorigin="anonymous"></script>

    <title>Lab7</title>

</head>

<body>

    <div>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">

            <a class="navbar-brand" href="index.html">Панель навигации</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <ul class="navbar-nav mr-auto">

                    <li class="nav-item active">

                        <a class="nav-link" href="index.html">Home <span class="sr-only">(current)</span></a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="second.html">Ссылка</a>

                    </li>

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"

                            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Список

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="third.html">Что-то</a>

                            <a class="dropdown-item" href="https://en.wikipedia.org/wiki/Nail\_(fastener)">Ещё одно что-то</a>

                            <div class="dropdown-divider"></div>

                            <a class="dropdown-item" href="#">Что-то для чего то</a>

                        </div>

                    </li>

                </ul>

            </div>

        </nav>

    </div>

    <table class="table table-bordered">

        <thead>

            <tr>

                <th scope="col">#</th>

                <th scope="col">Размер DxL</th>

                <th scope="col">1000 штук в граммах</th>

                <th scope="col">Штук в 1 кг</th>

            </tr>

        </thead>

        <tbody>

            <tr>

                <th scope="row">1</th>

                <td>0.8x8</td>

                <td>32</td>

                <td>31250</td>

            </tr>

            <tr>

                <th scope="row">2</th>

                <td>0.8x12</td>

                <td>34</td>

                <td>29412</td>

            </tr>

            <tr>

                <th scope="row">3</th>

                <td>1.0x16</td>

                <td>100</td>

                <td>10000</td>

            </tr>

            <tr>

                <th scope="row">4</th>

                <td colspan="3" align="center">...</td>

            </tr>

            <tr>

                <th scope="row">5</th>

                <td>6.0x200</td>

                <td>43100</td>

                <td>23</td>

            </tr>

        </tbody>

    </table>

</body>

</html>

1. second.html

<!DOCTYPE html>

<html lang="ru">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-alpha2/css/bootstrap.min.css"

        integrity="sha384-DhY6onE6f3zzKbjUPRc2hOzGAdEf4/Dz+WJwBvEYL/lkkIsI3ihufq9hk9K4lVoK" crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

        integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"

        crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"

        integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"

        crossorigin="anonymous"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"

        integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"

        crossorigin="anonymous"></script>

    <title>Lab7</title>

</head>

<body>

    <div>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">

            <a class="navbar-brand" href="index.html">Панель навигации</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <ul class="navbar-nav mr-auto">

                    <li class="nav-item active">

                        <a class="nav-link" href="index.html">Home</a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="#">Ссылка <span class="sr-only">(current)</span></a>

                    </li>

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle" href="https://ru.wikipedia.org/wiki/%D0%93%D0%B2%D0%BE%D0%B7%D0%B4%D1%8C" id="navbarDropdown" role="button"

                            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                            Список

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="third.html">Что-то</a>

                            <a class="dropdown-item" href="https://en.wikipedia.org/wiki/Nail\_(fastener)">Ещё одно что-то</a>

                            <div class="dropdown-divider"></div>

                            <a class="dropdown-item" href="#">Что-то для чего то</a>

                        </div>

                    </li>

                </ul>

            </div>

        </nav>

    </div>

    <div>

        <h3>Очень важный и необходимый прогресс:</h3>

    </div>

    <div class="progress">

        <div class="progress-bar progress-bar-striped progress-bar-animated" role="progressbar" aria-valuenow="75"

            aria-valuemin="0" aria-valuemax="100" style="width: 75%">Прогресс ничего (75% если интересно)</div>

    </div>

</body>

</html>

1. third.html

<!DOCTYPE html>

<html lang="ru">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-alpha2/css/bootstrap.min.css"

        integrity="sha384-DhY6onE6f3zzKbjUPRc2hOzGAdEf4/Dz+WJwBvEYL/lkkIsI3ihufq9hk9K4lVoK" crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

        integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"

        crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"

        integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"

        crossorigin="anonymous"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"

        integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"

        crossorigin="anonymous"></script>

    <title>Lab7</title>

</head>

<body>

    <div>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">

            <a class="navbar-brand" href="index.html">Панель навигации</a>

            <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <ul class="navbar-nav mr-auto">

                    <li class="nav-item active">

                        <a class="nav-link" href="index.html">Home</a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="#">Ссылка</span></a>

                    </li>

                    <li class="nav-item dropdown">

                        <a class="nav-link dropdown-toggle"

                            href="https://ru.wikipedia.org/wiki/%D0%93%D0%B2%D0%BE%D0%B7%D0%B4%D1%8C"

                            id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true"

                            aria-expanded="false">

                            Список

                        </a>

                        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <a class="dropdown-item" href="#">Что-то <span class="sr-only">(current)</span></a>

                            <a class="dropdown-item" href="https://en.wikipedia.org/wiki/Nail\_(fastener)">Ещё одно что-то</a>

                            <div class="dropdown-divider"></div>

                            <a class="dropdown-item" href="#">Что-то для чего то</a>

                        </div>

                    </li>

                </ul>

            </div>

        </nav>

    </div>

    <div>

        <h2>Радио кнопки:</h2>

        <div class="form-check">

            <input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios1" value="option1"

                checked>

            <label class="form-check-label" for="exampleRadios1">

                Бесполезная кнопка

            </label>

        </div>

        <div class="form-check">

            <input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios2" value="option2">

            <label class="form-check-label" for="exampleRadios2">

                Кнопка для вида

            </label>

        </div>

        <div class="form-check disabled">

            <input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios3" value="option3"

                disabled>

            <label class="form-check-label" for="exampleRadios3">

                Эта вообще не работает

            </label>

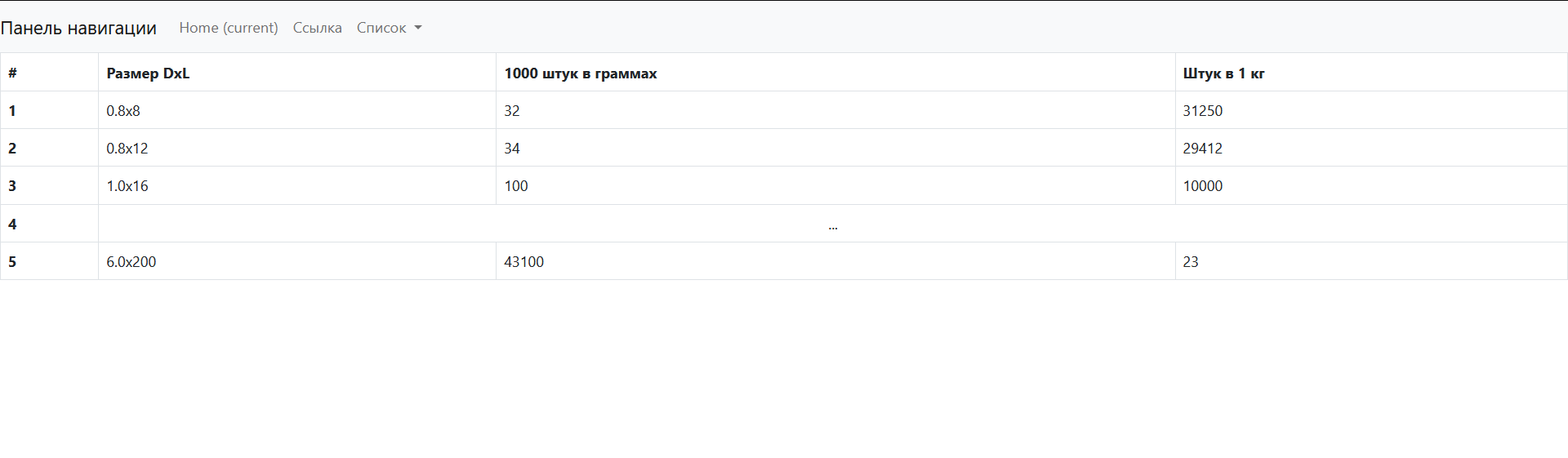
        </div>

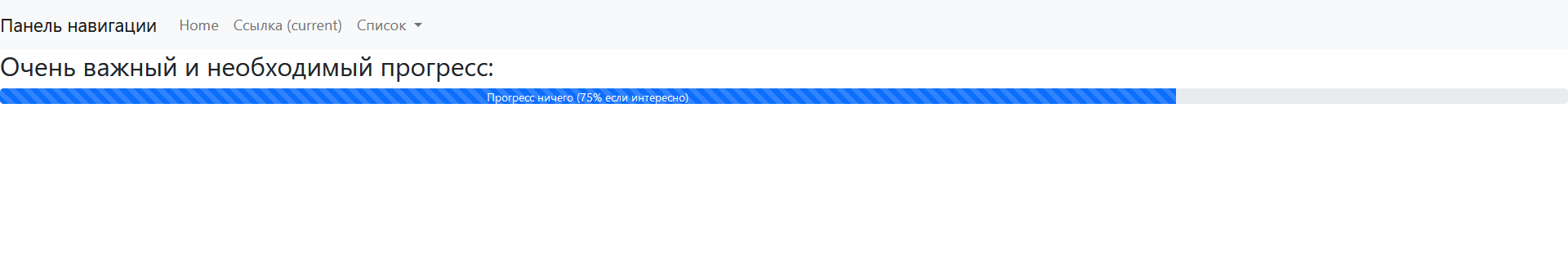
    </div>

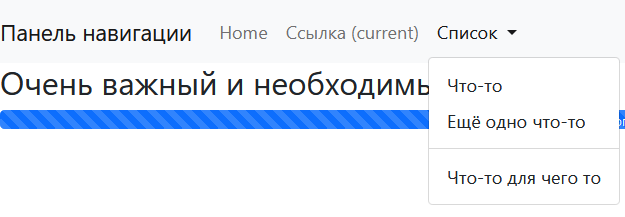
</body>

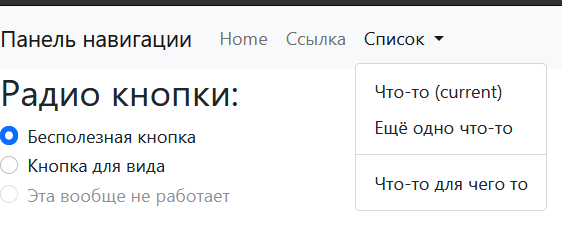
</html>

1. **Экранные формы сайта**

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