Bahira University,

Karachi Campus



LAB EXPERIMENT NO.

03

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO. | OBJECTIVE |
| 1 | Use the Bootstrap feature progress bar and design it in the form of given output. |
| 2 | Create the “Pagination” tool of Bootstrap and give the following output. |
| 3 | Use the concept of Alerts in Bootstrap and provide the given output. |
| 4 | Create a form using bootstrap for designing You can use JS or html validation for validating the form inputs. |

Submitted On:

**Task 1:** Use the Bootstrap feature progress bar and design it in the form of given output.

Chart

Description automatically generated with medium confidence

**Solution:**

Index.html:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <link href='https://unpkg.com/boxicons@2.1.2/css/boxicons.min.css' rel='stylesheet'>

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

    <title>Lab 03 | Bootstrap</title>

</head>

<body>

    <!-- Task 1 -->

    <div class="container" id="box1">

        <h3><span class="task">Task 1</span>: Use the Bootstrap feature progress bar and design it in the form of given

            output.</h3>

        <div class="navbar"></div>

        <div class="progress-bars">

            <div class="progress">

                <div class="progress-bar bg-info" role="progressbar" style="width: 50%" aria-valuenow="50"

                    aria-valuemin="0" aria-valuemax="100"></div>

            </div>

            <div class="progress">

                <div class="progress-bar progress-bar-striped bg-success" role="progressbar" style="width: 25%"

                    aria-valuenow="25" aria-valuemin="0" aria-valuemax="100"></div>

            </div>

            <div class="progress">

                <div class="progress-bar progress-bar-striped bg-warning" role="progressbar" style="width:75%"

                    aria-valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>

            </div>

            <div class="progress">

                <div class="progress-bar progress-bar-striped bg-danger" role="progressbar" style="width:100%"

                    aria-valuenow="100" aria-valuemin="0" aria-valuemax="100"></div>

            </div>

        </div>

    </div>

A picture containing background pattern

Description automatically generated**Output:**

**Task 2:** Create the “Pagination” tool of Bootstrap and give the following output.

Text

Description automatically generated

**Solution:**

Index.html:

<!-- Task 2 -->

    <div class="container" id="box2">

        <h3><span class="task">Task 2</span>: Create the “Pagination” tool of Bootstrap and give the following output.

        </h3>

        <div class="pages">

            <nav aria-label="Page navigation example">

                <ul class="pagination">

                    <li class="page-item"><a class="page-link" href="#">Previous</a></li>

                    <li class="page-item"><a class="page-link" href="#">1</a></li>

                    <li class="page-item"><a class="page-link" href="#">2</a></li>

                    <li class="page-item"><a class="page-link" href="#">3</a></li>

                    <li class="page-item"><a class="page-link" href="#">4</a></li>

                    <li class="page-item"><a class="page-link" href="#">Next</a></li>

                </ul>

            </nav>

            <nav aria-label="Page navigation example">

                <ul class="pagination">

                    <li class="page-item">

                        <a class="page-link" href="#" aria-label="Previous">

                            <span aria-hidden="true">&laquo;</span>

                        </a>

                    </li>

                    <li class="page-item"><a class="page-link" href="#">10</a></li>

                    <li class="page-item"><a class="page-link" href="#">11</a></li>

                    <li class="page-item"><a class="page-link" href="#">12</a></li>

                    <li class="page-item">

                        <a class="page-link" href="#" aria-label="Next">

                            <span aria-hidden="true">&raquo;</span>

                        </a>

                    </li>

                </ul>

            </nav>

            <h4>Centered</h4>

            <nav aria-label="Page navigation example">

                <ul class="pagination justify-content-center">

                    <li class="page-item">

                        <a class="page-link" href="#" aria-label="Previous">

                            <span aria-hidden="true">&laquo;</span>

                        </a>

                    </li>

                    <li class="page-item"><a class="page-link" href="#">10</a></li>

                    <li class="page-item"><a class="page-link" href="#">...</a></li>

                    <li class="page-item"><a class="page-link" href="#">20</a></li>

                    <li class="page-item">

                        <a class="page-link" href="#" aria-label="Next">

                            <span aria-hidden="true">&raquo;</span>

                        </a>

                    </li>

                </ul>

            </nav>

            <h4>Pager (Centered by default)</h4>

            <nav aria-label="Page navigation example">

                <ul class="pagination justify-content-center">

                    <li class="page-item">

                        <a class="page-link rounded-pill button-pagination" href="#">Previous</a>

                    </li>

                    <li class="page-item">

                        <a class="page-link rounded-pill button-pagination" href="#">Next</a>

                    </li>

                </ul>

            </nav>

            <h4 class="last-pager-heading">Pager (each link aligned to sides)</h4>

            <nav aria-label="Page navigation example" class="last-pager">

                <ul class="pagination">

                    <li class="page-item">

                        <a class="page-link rounded-pill button-pagination" href="#"><i

                                class='bx bx-left-arrow-alt'></i> Older</a>

                    </li>

                </ul>

            </nav>

        </div>

    </div>

**Output:**

Graphical user interface, application

Description automatically generated

**Task 3:** Use the concept of Alerts in Bootstrap and provide the given output.

Graphical user interface

Description automatically generated with medium confidence

**Solution:**

Index.html:

<!-- Task 3 -->

    <div class="container" id="box3">

        <h3><span class="task">Task 3</span>: Use the concept of Alerts in Bootstrap and provide the given output.</h3>

        <div class="alerts">

            <div class="alert alert-warning" role="alert">

                <b>Holy guacamole!</b> Best check yo self, <b>you're not looking too good.</b>

            </div>

            <div class="alert alert-danger" role="alert">

                <b>Oh snap!</b> Change this and that and <b>try again.</b>

            </div>

            <div class="alert alert-success" role="alert">

                <b>Well done!</b> You successfully <b>read this</b> alert message.

            </div>

        <div class="alert alert-info" role="alert">

           <b>Heads up!</b> This is an alert that needs your attention, but it's not a <b>huge priority</b> just

                yet.

            </div>

        </div>

    </div>

**Output:**

A picture containing background pattern

Description automatically generated

**Task 4:** Create a form using bootstrap for designing You can use JS or html validation for validating the form inputs.

**Solution:**

Index.html:

<!-- Task 4 -->

    <div class="container" id="box4">

        <h3><span class="task">Task 4</span>: Create a form using bootstrap for designing You can use JS or html

            validation for validating the form inputs.</h3>

        <div class="form-div">

            <form method="post" class="row g-3 needs-validation" novalidate>

                <div class="col-md-6">

                    <label for="inputEmail" class="form-label">Email</label>

                    <input type="email" class="form-control" id="inputEmail" required>

                    <div class="invalid-feedback">

                        Please enter your email. This field is required

                    </div>

                </div>

                <div class="col-md-6">

                    <label for="inputPassword" class="form-label">Password</label>

                    <input type="password" class="form-control" id="inputPassword" required>

                    <div class="invalid-feedback">

                        Please enter a valid password. This field is required

                    </div>

                </div>

                <div class="col-12">

                    <label for="inputCompany" class="form-label">Company Name</label>

                    <input type="text" class="form-control" id="inputCompany" required>

                    <div class="invalid-feedback">

                        Please enter your company name. This field is required

                    </div>

                </div>

                <div class="col-12">

                    <label for="inputPhone" class="form-label">Phone</label>

                    <input type="text" class="form-control" id="inputPhone" required>

                    <div class="invalid-feedback">

                        Please enter a phone # like 123-456-7890. This field is required

                    </div>

                </div>

                <div class="col-12">

                    <label for="inputAddress2" class="form-label">Website</label>

                    <div class="input-group mb-3">

                        <span class="input-group-text" id="basic-addon3">https://</span>

                        <input type="text" class="form-control" id="basic-url" aria-describedby="basic-addon3" required>

                        <div class="invalid-feedback">

                            Please enter a valid URL. This field is required

                        </div>

                    </div>

                </div>

                <div class="col-12">

                    <button type="submit" class="btn btn-primary">Send</button>

                </div>

            </form>

        </div>

    </div>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"

        integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"

        crossorigin="anonymous"></script>

</body>

</html>

**Output:**

Graphical user interface, text, application, email

Description automatically generated

Style.css:

@import url('https://fonts.googleapis.com/css2?family=Raleway&display=swap');

@import url('https://fonts.googleapis.com/css2?family=Metrophobic&display=swap');

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

h3{

    font-family: 'Metrophobic', sans-serif;

    font-size: 17px;

    margin: 10px 10px 42px 10px;

}

h4{

    font-family: 'Raleway', sans-serif;

    font-size: 15px;

    font-weight: 600;

    margin: 35px 0 -4px 0;

}

p{

    font-family: 'Raleway', sans-serif;

    margin: 20px 80px;

}

.container{

    margin: 50px auto;

    padding: 20px;

    border: 1px solid #c0c0c0;

    border-radius: 5px;

}

#box1{

    margin-top: 60px;

}

.task{

    font-size: 19px;

    text-decoration: underline;

    font-weight: bold;

}

.navbar{

    height: 35px;

    width: 95%;

    background-color: black;

    border-radius: 5px;

    margin: 40px auto;

}

.progress-bars{

    width: 50%;

    margin: auto;

}

.progress{

    margin: 15px;

}

.pages{

    padding-left: 20px;

}

.pagination{

    font-size: 15px;

}

.button-pagination{

    margin: 12px;

}

.last-pager-heading{

    margin-top: 2px;

}

.last-pager{

    margin-top: 20px;

    margin-bottom: -20px;

}

.alert{

    height: 50px;

    align-items: center;

    width: 80%;

    margin: 15px auto;

    font-size: 14px;

    border: 1px solid #edecec;

}

.form-div{

    width: 60%;

    margin-left: 25px;

}

label{

    font-weight: 400;

}

.btn{

    border-radius: 5px;

    width: 70px;

    margin-top: 1px;

    margin-bottom: 10px;

    height: 35px;

    display: flex;

    align-items: center;

    justify-content: center;

}

.invalid-feedback{

    font-size: 14px;

    margin-top: 6px;

}