Pagination in Bootstrap :
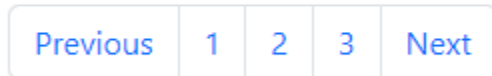
- To create a basic pagination, add the `.pagination` class to an `<ul>` element. Then add the `.page-item` to each `<li>` element and a `.page-link` class to each link inside `<li>`:

```html
<div class="container mt-3">
    <h4>Basic Pagination</h4>

    <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="#">Next</a></li>
    </ul>
```

Output :

Basic Pagination

| Previous | 1 | 2 | 3 | Next |

Active State in Pagination :

- The `.active` class is used to "highlight" the current page:

```html
<div class="container mt-3">
    <h4>Pagination - Active State</h4>

    <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 active"><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="#">Next</a></li>
    </ul>
</div>
```

Output :

Pagination - Active State

| Previous | 1 | 2 | 3 | Next |

Disabled State in Pagination :

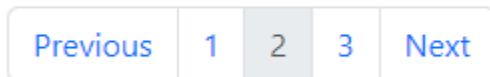- The `.disabled` class is used for un-clickable links:

```html
<div class="container mt-3">
    <h4>Pagination - Disabled State</h4>

    <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 disabled"><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="#">Next</a></li>
    </ul>
</div>
```

Output :

Pagination - Disabled State

| Previous | 1 | 2 | 3 | Next |

Pagination Sizing :

- Add class `.pagination-lg` for larger blocks or `.pagination-sm` for smaller blocks

```html
<div class="container mt-3">
    <h4>Pagination - Sizing</h4>

    <p>Large Pagination</p>
    <ul class="pagination pagination-lg">
        <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="#">Next</a></li>
    </ul>

    <p>Default Pagination</p>
    <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="#">Next</a></li>
    </ul>

    <p>Small Pagination</p>
    <ul class="pagination pagination-sm">
        <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="#">Next</a></li>
    </ul>
</div>
```

Output :

Pagination Alignment :

- Use utility classes to change the alignment of the pagination:

```html
<div class="container mt-3">
    <h4>Pagination Alignment</h4>

    <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="#">Next</a></li>
    </ul>
    <ul class="pagination justify-content-center">
        <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="#">Next</a></li>
    </ul>
    <ul class="pagination justify-content-end">
        <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="#">Next</a></li>
    </ul>
</div>
```

Output :

Pagination Alignment

| Previous | 1 | 2 | Next |

| Previous | 1 | 2 | Next |

| Previous | 1 | 2 | Next |

Breadcrumbs :

- The `.breadcrumb` and `.breadcrumb-item` classes indicates the current page's location within a navigational hierarchy:

```html
<div class="container mt-3">
        <h4>Breadcrumbs</h4>

        <ul class="breadcrumb">
            <li class="breadcrumb-item"><a href="#">Home</a></li>
            <li class="breadcrumb-item"><a href="#">Courses</a></li>
            <li class="breadcrumb-item"><a href="#">Programming</a></li>
            <li class="breadcrumb-item"><a href="#">Java Programming</a></li>
        </ul>
    </div>
```

Output :

Breadcrumbs

Home / Courses / Programming / Java Programming