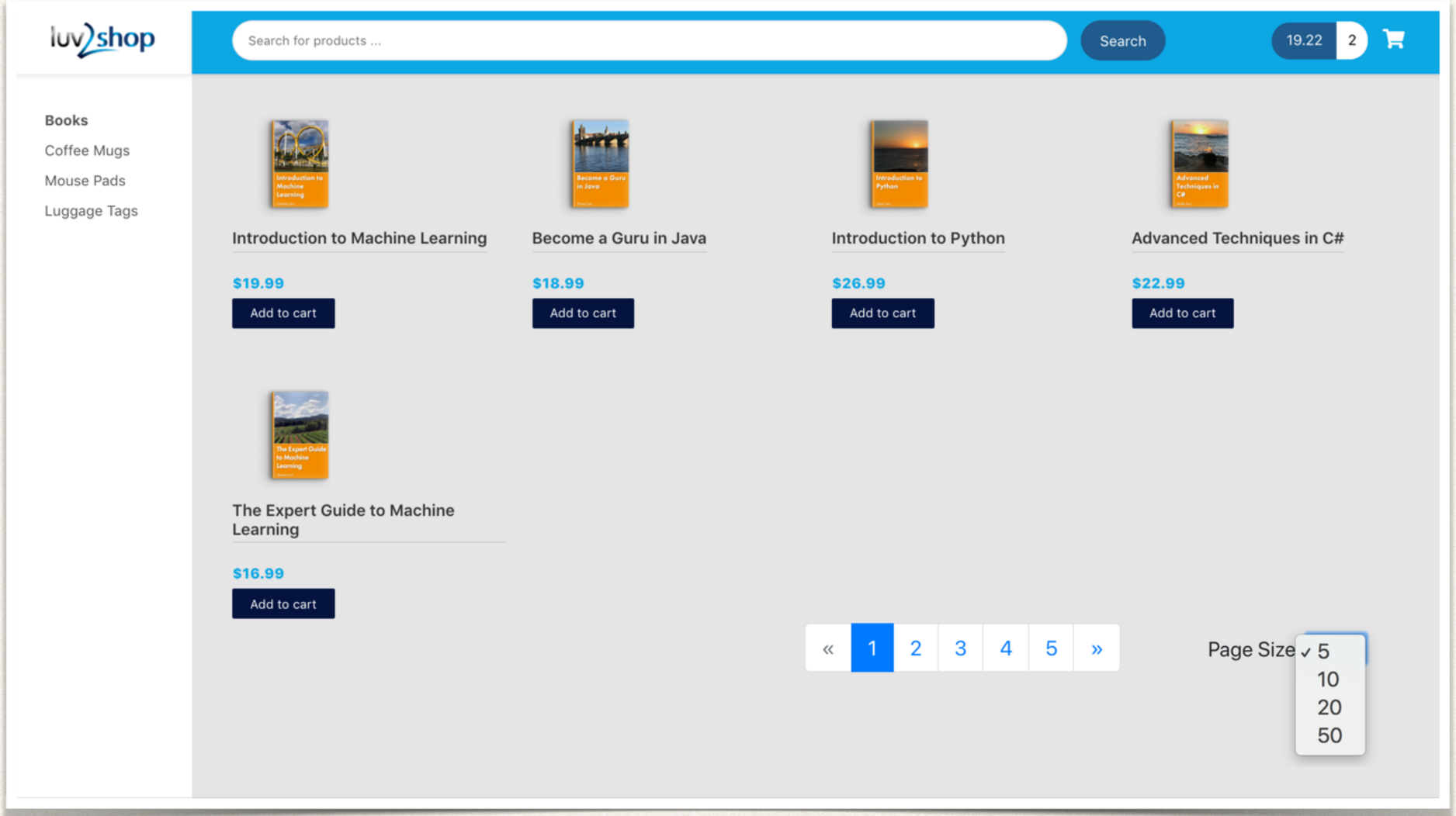
Pagination - Select Page Size

Pagination



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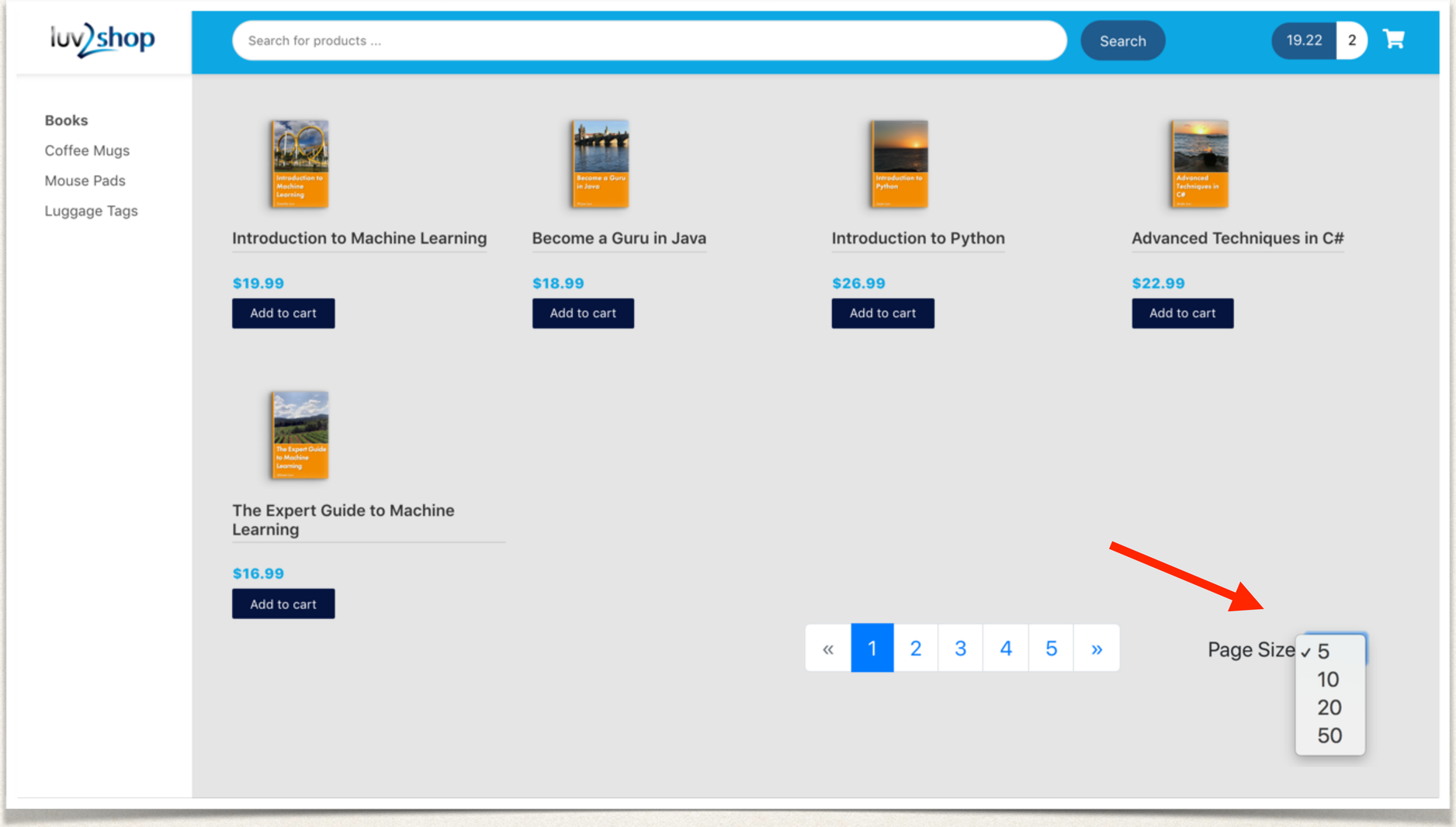
Pagination



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Development Process

Step-By-Step

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Development Process

Step-By-Step

1. Add drop-down list for page size to HTML template

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Development Process

Step-By-Step

1. Add drop-down list for page size to HTML template
2. Update ProductListComponent for setting page size

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Step 1: Add drop-down list for page size to HTML template

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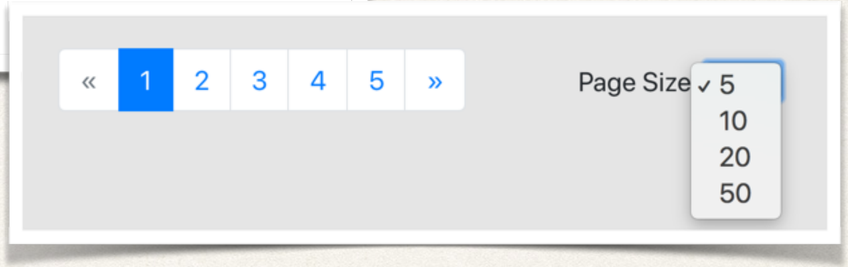
Step 1: Add drop-down list for page size to HTML template

File: product-list-grid.component.html

```
...
    <span class="mr-2">Page Size</span>

    <select (change)="updatePageSize($event.target.value)">
        <option selected="true">5</option>
        <option>10</option>
        <option>20</option>
        <option>50</option>
    </select>
...
```



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Step 1: Add drop-down list for page size to HTML template

File: product-list-grid.component.html

```
...
    <span class="mr-2">Page Size</span>

    <select (change)="updatePageSize($event.target.value)">
        <option selected="true">5</option>
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    </select>
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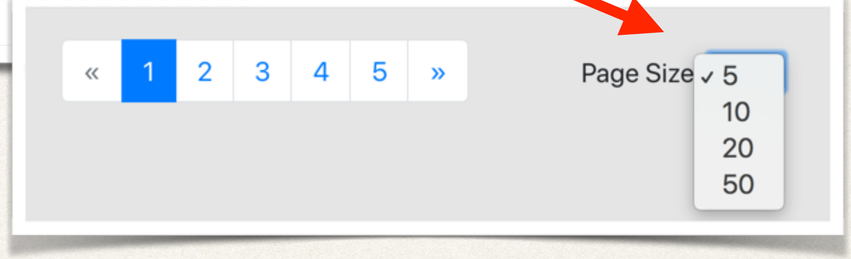
```



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Step 1: Add drop-down list for page size to HTML template

Event binding:
on change

ponent.html

```
    <span class="mr-2">Page Size</span>

    <select (change)="updatePageSize($event.target.value)">
        <option selected="true">5</option>
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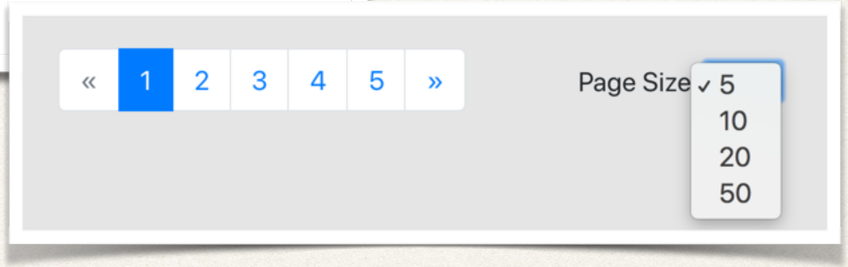
        <option>50</option>
    </select>
...
```



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Step 1: Add drop-down list for page size to HTML template

When user selects a page, then call method: updatePageSize(...)

Event binding: on change

ponent.html

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    <span class="mr-2">Page Size</span>

    <select (change)="updatePageSize($event.target.value)">
        <option selected="true">5</option>
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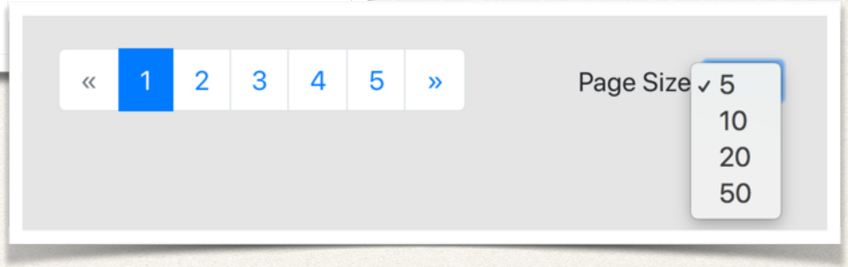
...
```



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Step 1: Add drop-down list for page size to HTML template

When user selects a page, then call method: updatePageSize(...)

Event binding: on change

The value that is selected by the user

ponent.html

```
    <span class="mr-2">Page Size</span>

    <select (change)="updatePageSize($event.target.value)">
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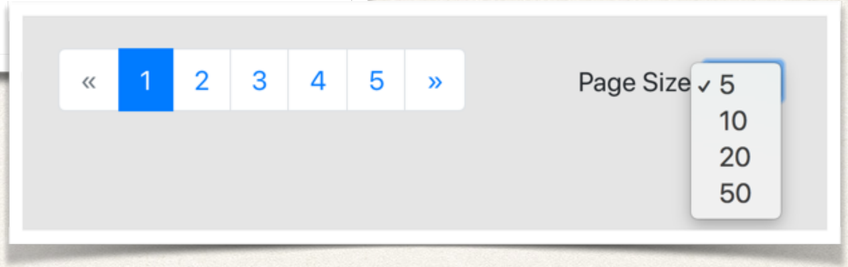
        <option>20</option>
        <option>50</option>
    </select>
...
```



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ponent.html

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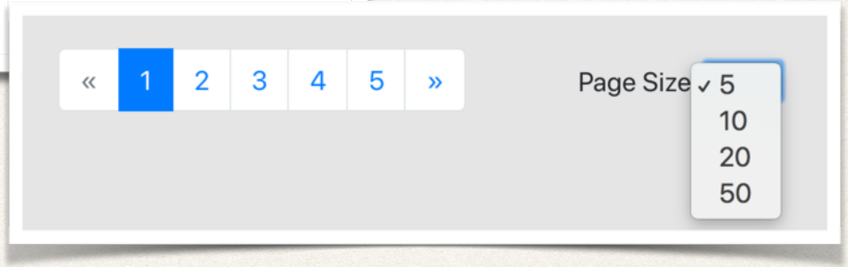
    <select (change)="updatePageSize($event.target.value)">
        <option selected="true">5</option>
        <option>10</option>
        <option>20</option>
        <option>50</option>
    </select>
...
```

5, 10, 20 or 50



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Step 2: Update ProductListComponent for setting page size

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Step 2: Update ProductListComponent for setting page size

File: product-list.component.ts

```
export class ProductListComponent implements OnInit {

  // new properties for pagination
  thePageNumber: number = 1;
  thePageSize: number = 5;
  theTotalElements: number = 0;

 ...

  updatePageSize(pageSize: number) {
    this.thePageSize = pageSize;
    this.thePageNumber = 1;
    this.listProducts();
  }

}
```


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export class ProductListComponent implements OnInit {

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    this.listProducts();
  }

}
```

Set page size based on parameter value

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