

# Pagination

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Pagination is a nice way to limit the amount of content displayed on the screen, let us limit the number of questions displayed to 10 on our index.html

## Update View

We need to update our question list view and add pagination as follows -

```
# Pagination
page = request.GET.get('page', 1)
paginator = Paginator(question_list, 10)
try:
    questions = paginator.page(page)
except PageNotAnInteger:
    questions = paginator.page(1)
except EmptyPage:
    questions = paginator.page(paginator.num_pages)
```

## Update Template

In order to display correctly we need to update index.html as follows -

```
<!-- Pagination -->
{% if questions.has_other_pages %}
<nav class="mt-5" aria-label="...">
  <ul class="pagination justify-content-start">
    <!-- Previous -->
    {% if questions.has_previous %}
    <li class="page-item">
      <a class="page-link" href="?page={{
questions.previous_page_number }}"
tabindex="-1">Previous</a>
    </li>
    {% else %}
    <li class="page-item disabled">
      <a class="page-link" href="#" tabindex="-1"
aria-disabled="true">Previous</a>
    </li>
    {% endif %}
    <!-- Current Items -->
    {% for i in questions.paginator.page_range %}
    {% if questions.number == i %}
    <li class="page-item active" aria-current="page">
      <span class="page-link">{{ i }} <span
class="sr-only">(current)</span></span>
    </li>
    {% else %}
```

```
        <li class="page-item"><a class="page-link" href="?
page={{ i }}">{{ i }}</a></li>
    {% endif %}
{% endfor %}
<!-- Next -->
{% if questions.has_next %}
    <li class="page-item">
        <a class="page-link" href="?page={{
questions.next_page_number }}">Next</a>
    </li>
    {% else %}
    <li class="page-item disabled">
        <a class="page-link" href="#" aria-
disabled="true">Next</a>
    </li>
    {% endif %}

</ul>
</nav>
{% endif %}
```

And that's it! You now have a fully functional pagination.