

# Exercise - Add a component

4 minutes

In this exercise, you add a Razor component to the home page of your app.

## Add the Counter component to the Home page

1. Open the *Components/Pages/Home.razor* file.
2. Add a `Counter` component to the page by adding a `<Counter />` element at the end of the `Home.razor` file.

```
razor

@page "/"

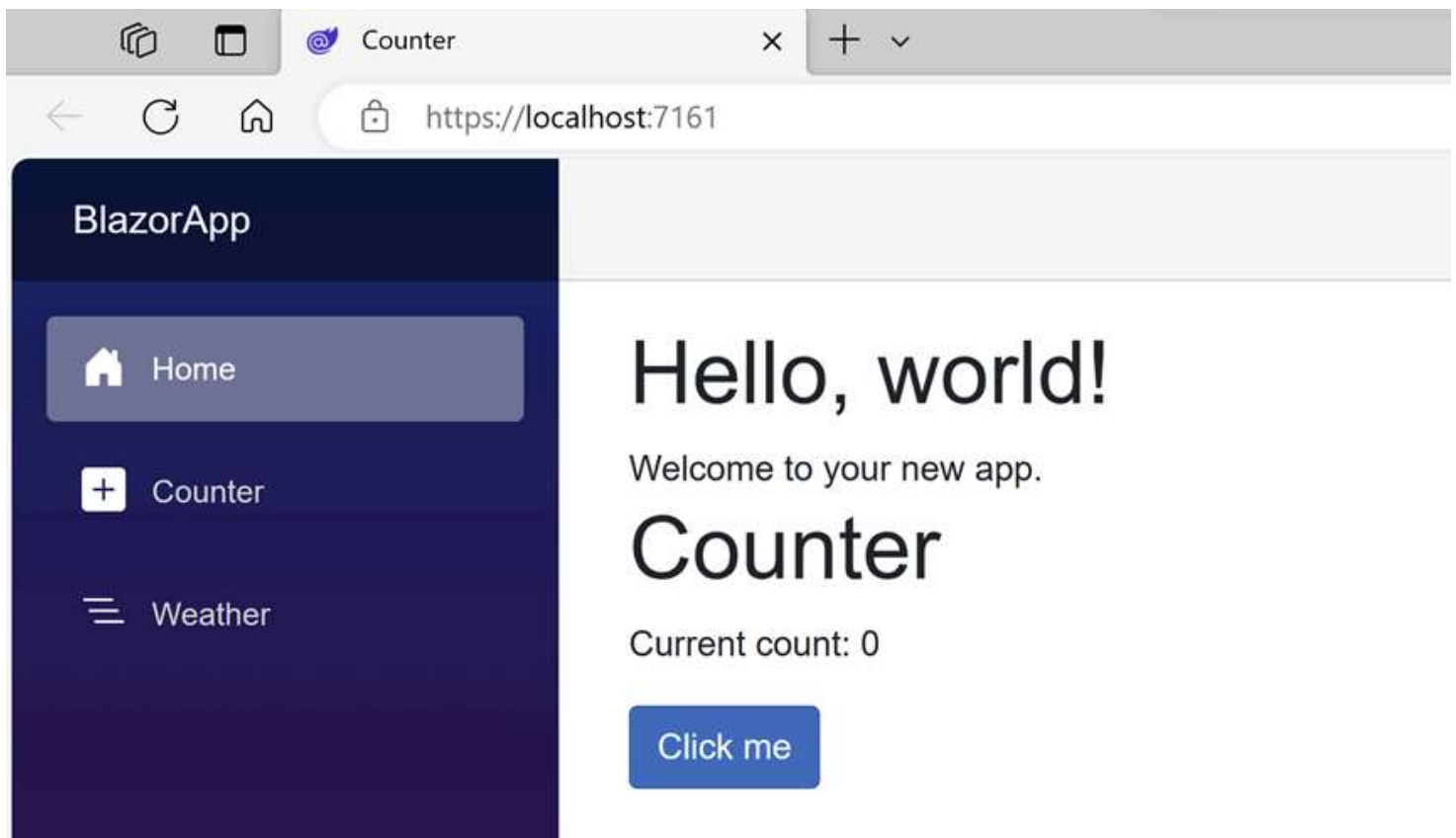
<PageTitle>Home</PageTitle>

<h1>Hello, world!</h1>

Welcome to your new app.

<Counter />
```

3. Apply the change by restarting the app or using hot reload. The `Counter` component shows up on the home page.



# Modify a component

Define a parameter on the `Counter` component to specify how much it increments with every button click.

1. Add a public property for `IncrementAmount` with a `[Parameter]` attribute.
2. Change the `IncrementCount` method to use the `IncrementAmount` value when incrementing the value of `currentCount`.

The updated code in *Counter.razor* should look like this:

```
razor

@page "/counter"
@rendermode InteractiveServer

<PageTitle>Counter</PageTitle>

<h1>Counter</h1>

<p role="status">Current count: @currentCount</p>

<button class="btn btn-primary" @onclick="IncrementCount">Click me</button>

@code {
    private int currentCount = 0;

    [Parameter]
    public int IncrementAmount { get; set; } = 1;

    private void IncrementCount()
    {
        currentCount += IncrementAmount;
    }
}
```

3. In `Home.razor`, update the `<Counter />` element to add an `IncrementAmount` attribute that changes the increment amount to 10, as shown by the last line in the following code:

```
razor

@page "/"

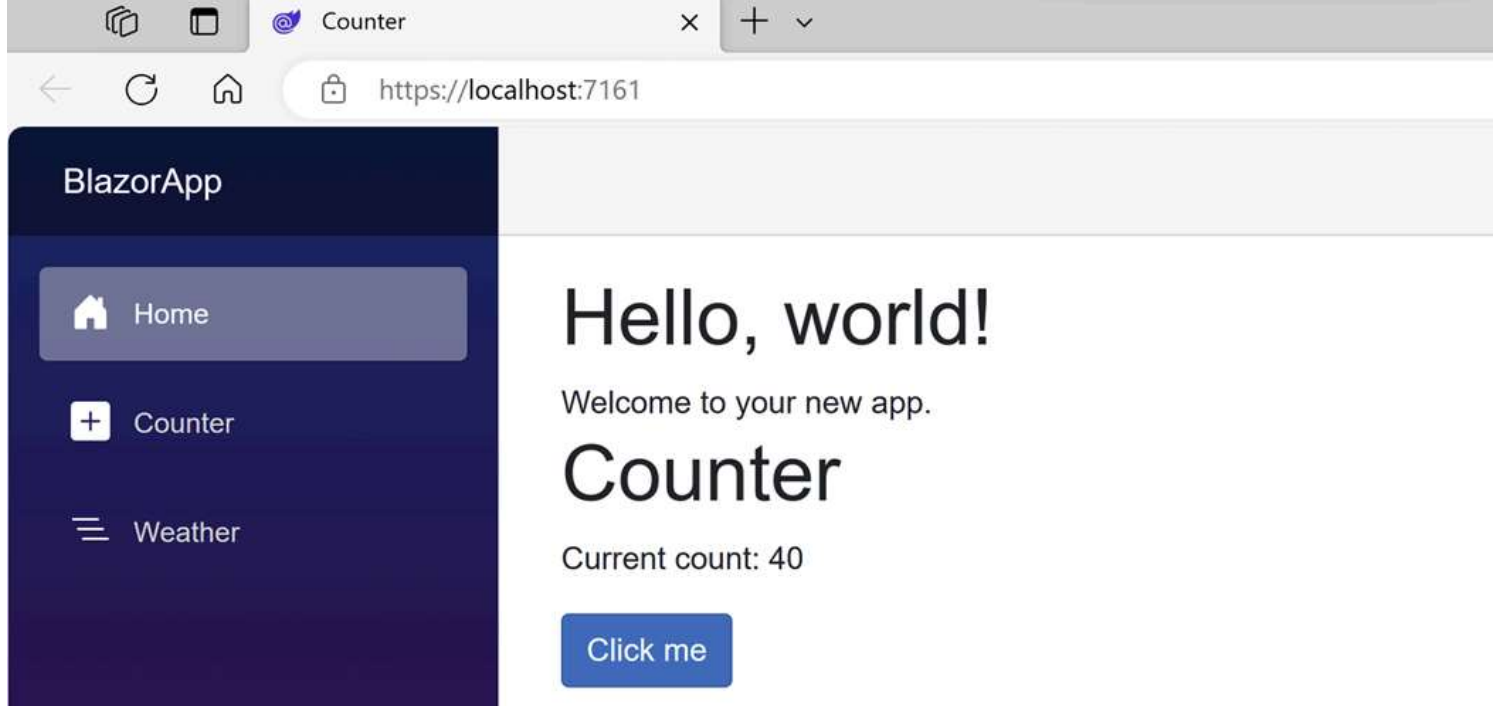
<h1>Hello, world!</h1>

Welcome to your new app.

<Counter IncrementAmount="10" />
```

4. Apply the changes to the running app.

The `Home` component now has its own counter that increments by 10 each time the **Click me** button is selected, as shown in the following image.



The `Counter` component at `/counter` continues to increment by one.

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