# CSS (Opacity, Overflow, Border, outline, Padding, Margin, position, z-index)

Basic

1. Create an HTML document to demonstrate the use of the CSS opacity property.

Requirements:

1. The page should contain four boxes, each with the same size and background color.
2. Each box should have a different opacity value:
   - Fully opaque (1)
   - 75% visible (0.75)
   - 50% visible (0.5)
   - 25% visible (0.25)
3. Add text inside each box indicating its opacity value.
4. Canter-align the text inside the boxes.
5. Use a consistent style for the text, such as white color and 20px font size.

Opacity: 1

Opacity: 0.75

Opacity: 0.5

Opacity: 0.25
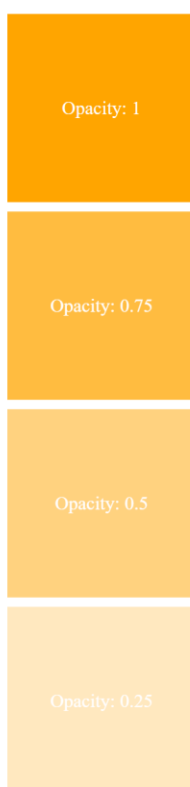
2. Create an HTML document to demonstrate the use of the overflow property in CSS.

Requirements:

1. Create four boxes with the following overflow values:
   - visible
   - hidden
   - scroll
   - auto
2. Each box should have a fixed width of 300px and height of 100px.
3. Add a border around each box to clearly show its boundaries.
4. Add long text content inside each box to test the overflow behavior.

CSS Overflow

Overflow: visible

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Perferendis in necessitatibus tenetur at esse, fugiat dignissimos ab soluta, quis repellendus, voluptatum quod itaque natus harum. Atque amet provident ea dolor?

Overflow: hidden

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Perferendis in necessitatibus tenetur at esse, fugiat dignissimos ab soluta, quis repellendus,
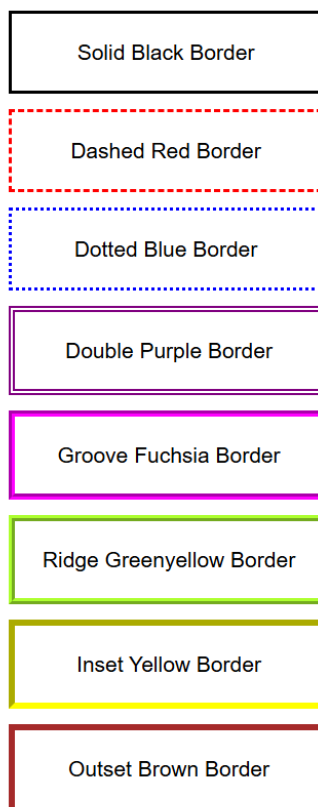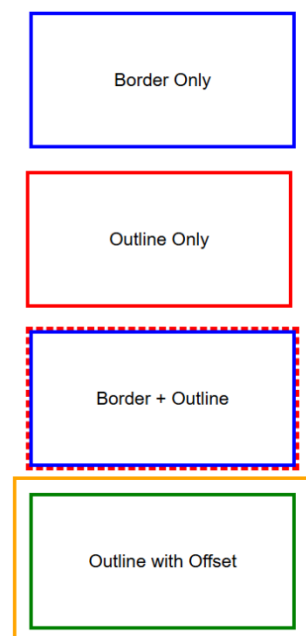
Overflow: scroll

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Perferendis in necessitatibus tenetur at esse, fugiat

Overflow: auto

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Perferendis in necessitatibus tenetur at esse, fugiat dignissimos ab soluta, quis repellendus,

3.Borders

Solid Black Border

Dashed Red Border

Dotted Blue Border

Double Purple Border

Groove Fuchsia Border

Ridge Greenyellow Border

Inset Yellow Border

Outset Brown Border

4.Outline

CSS Outline Example

Border Only

Outline Only

Border + Outline

Outline with Offset

5.Padding

6.Margin

7.Box-shadow

8. Add 3 div contain the following:

- Div1 position=Relative
- Div2 position=fixed & z-index
- Div3 position=absolute

This your first position & Z-index task
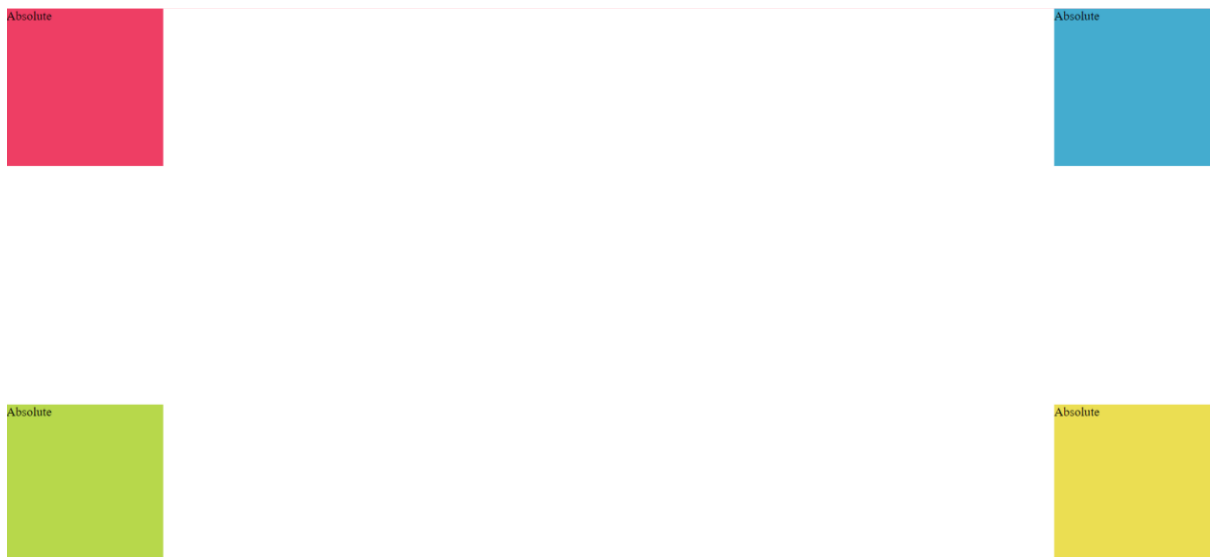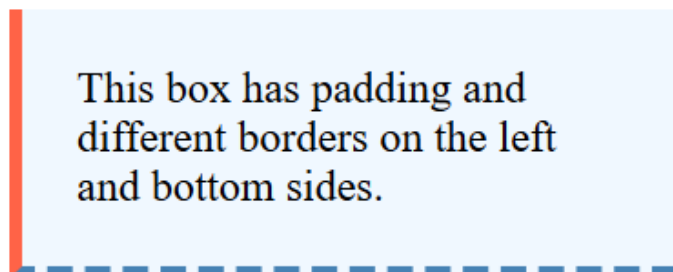
Div1 position=Relative

Div3 position=absolute

Div2 position=fixed & z-index
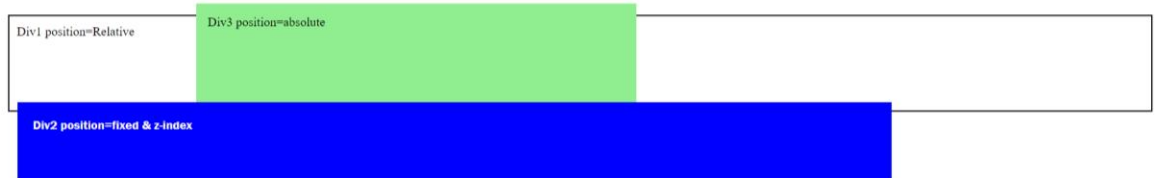
9. Z-index, position (absolute):

10. Z-index, position (absolute):

Absolute

Absolute

Absolute

Absolute

![Orange Coding Academy logo — أكاديمية البرمجة Coding Academy powered by Simplon]

Intermediate

11.padding and border:

This box has padding and
different borders on the left
and bottom sides.

12.padding, margin and border

This is the outer box.
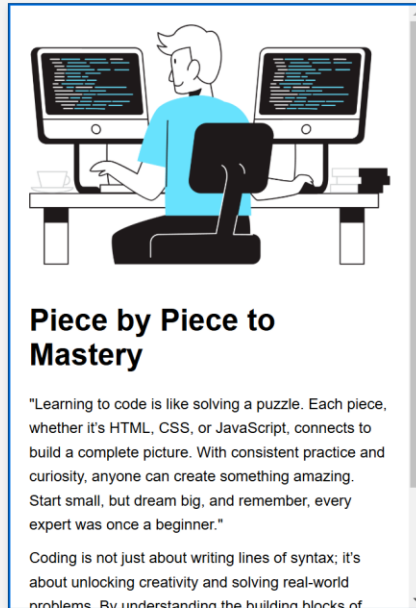
This is the inner box.
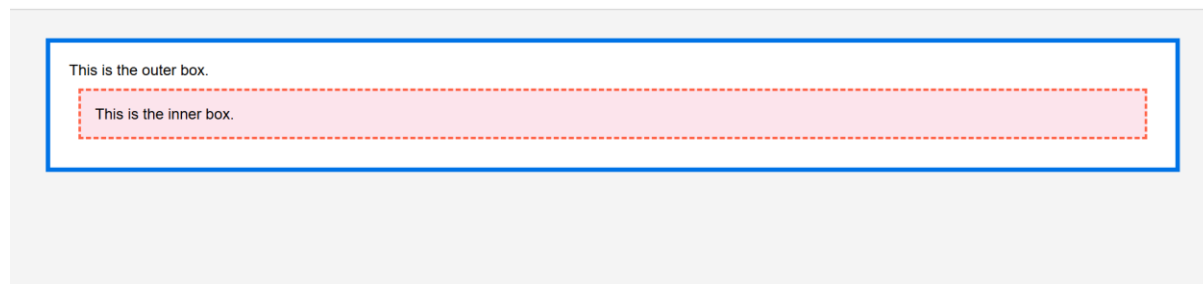
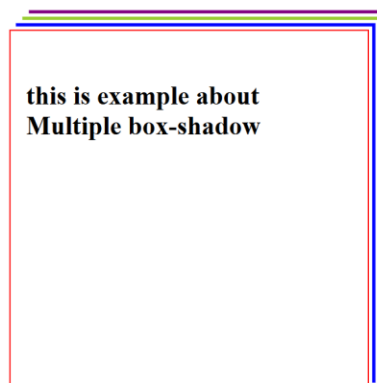## 13.create the following website

This is the written text

 "Learning to code is like solving a puzzle. Each piece, whether it's
HTML, CSS, or JavaScript connect to build a complete picture. With
consistent practice and curiosity, anyone can create something amazing.
Start small, but dream big, and remember, every expert was once a
beginner."

Coding is not just about writing lines of syntax; it's about unlocking
creativity and solving real-world problems. By understanding the
building blocks of programming, you gain the power to turn ideas into
reality. Stay persistent, embrace challenges, and celebrate each
milestone as you grow into a confident and capable coder.

Piece by Piece to Mastery

"Learning to code is like solving a puzzle. Each piece, whether it's HTML, CSS, or JavaScript, connects to build a complete picture. With consistent practice and curiosity, anyone can create something amazing. Start small, but dream big, and remember, every expert was once a beginner."

Coding is not just about writing lines of syntax; it's about unlocking creativity and solving real-world problems. By understanding the building blocks of

14.Multiple Box Shadow

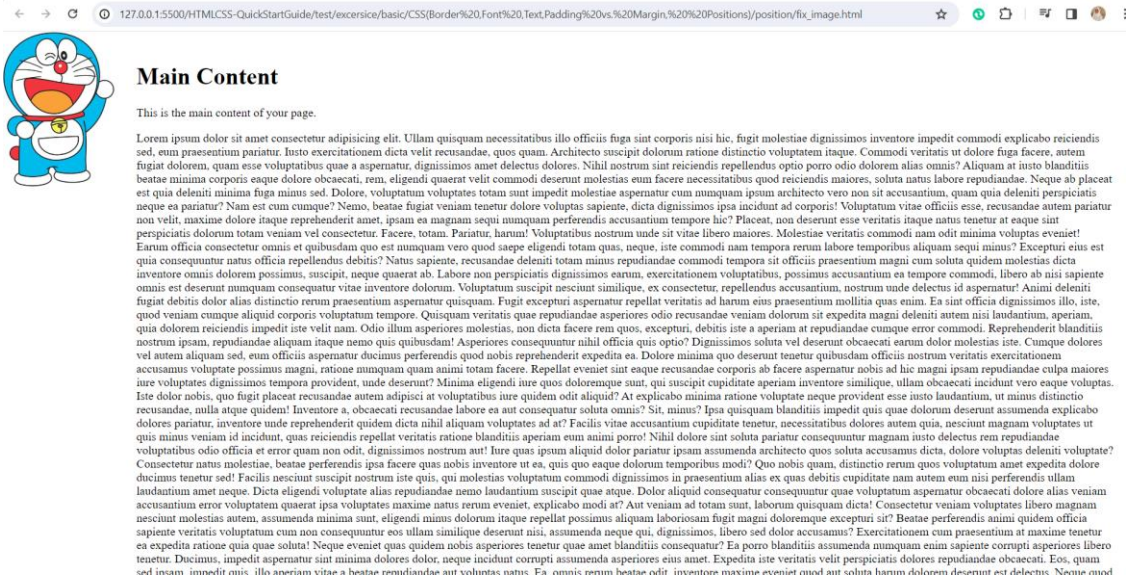
this is example about
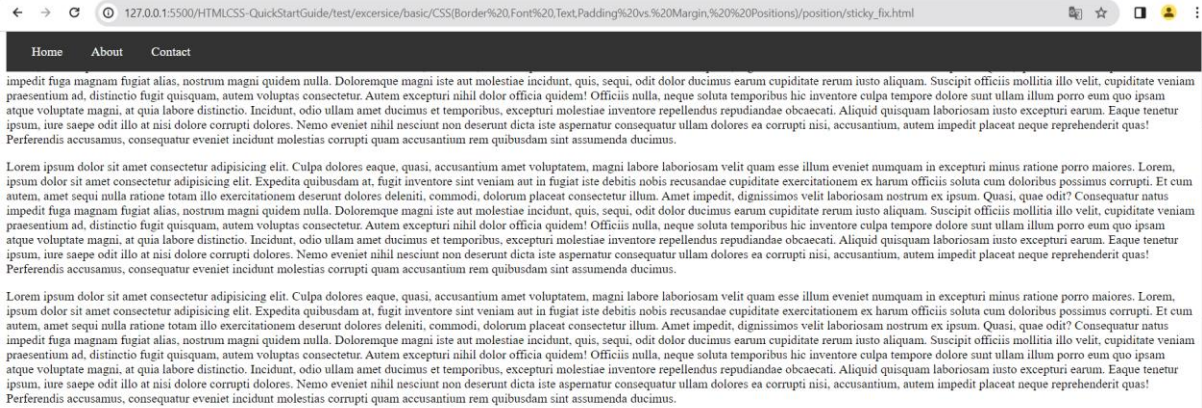Multiple box-shadow

15. Position relative & static:
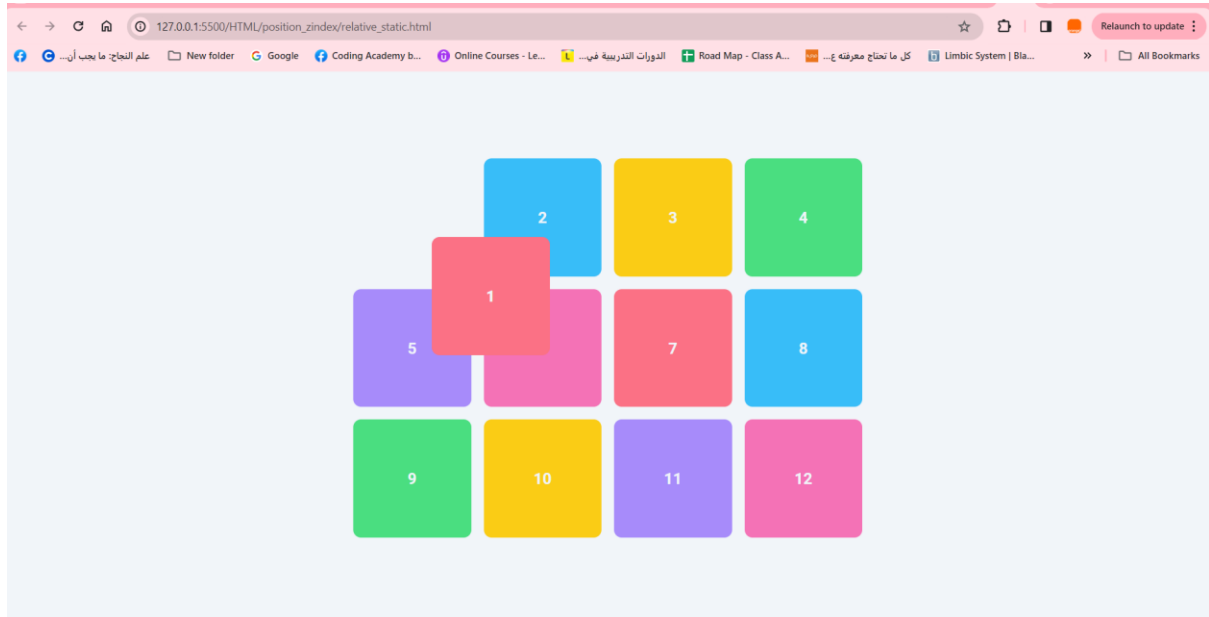
16. Create the following:

a) Add image to left side of the page.

b) use position="fixed" it will not disappear when scroll down in web page.
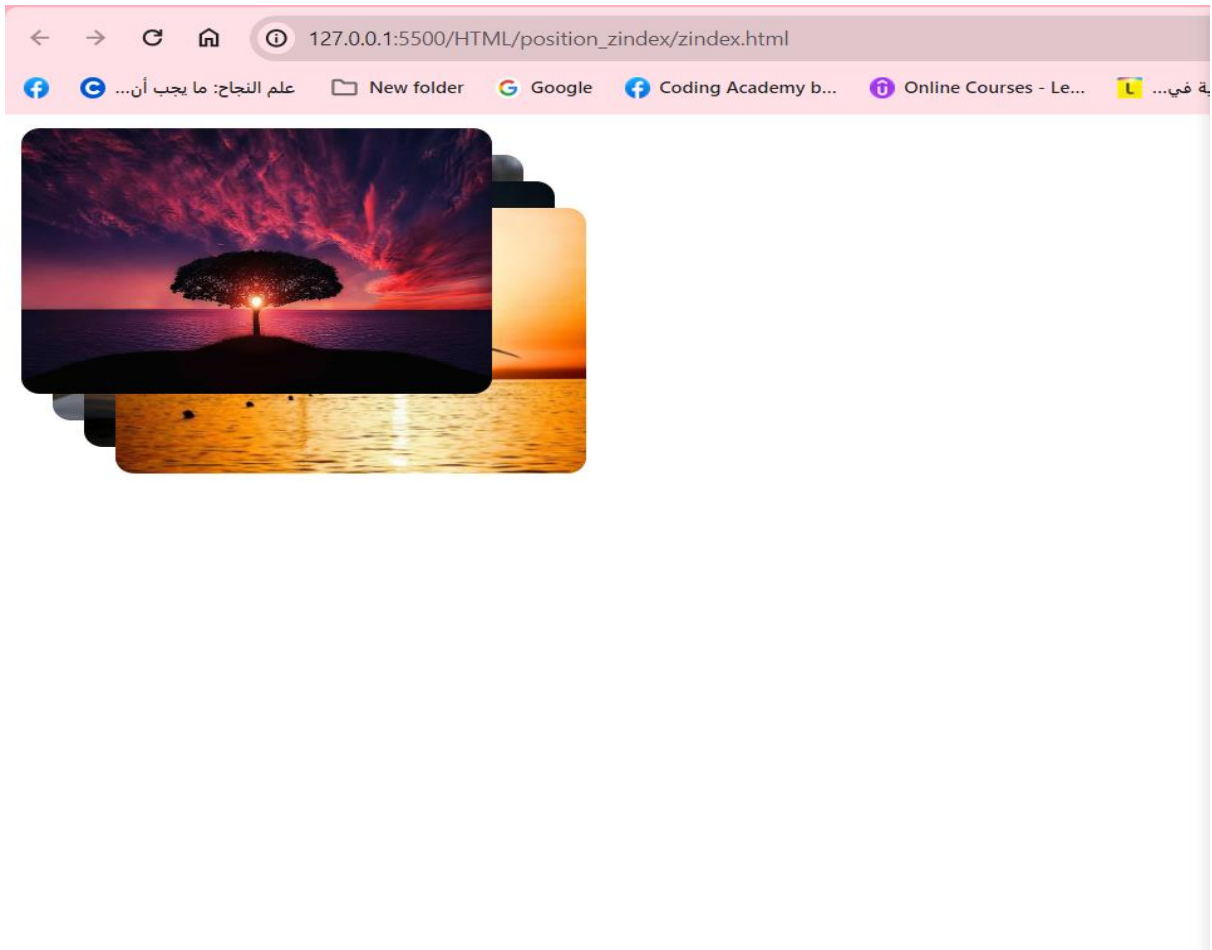
17.Use position: sticky for navbar:

## 18.Add 4 image position absolute and z-index for first image:

Advanced

19.image border

Using images as borders adds a creative and unique touch to your designs. Instead of standard lines or colors, you can use the border-image property in CSS to apply an image as a border for any element. This technique allows for intricate designs, patterns, or textures to frame your content. By specifying the image source, slice dimensions, and how the image should be stretched, repeated, or rounded, you can fully customize the border's appearance. This approach is perfect for enhancing visual appeal while maintaining flexibility in design.

20. customize this website to be your own online store
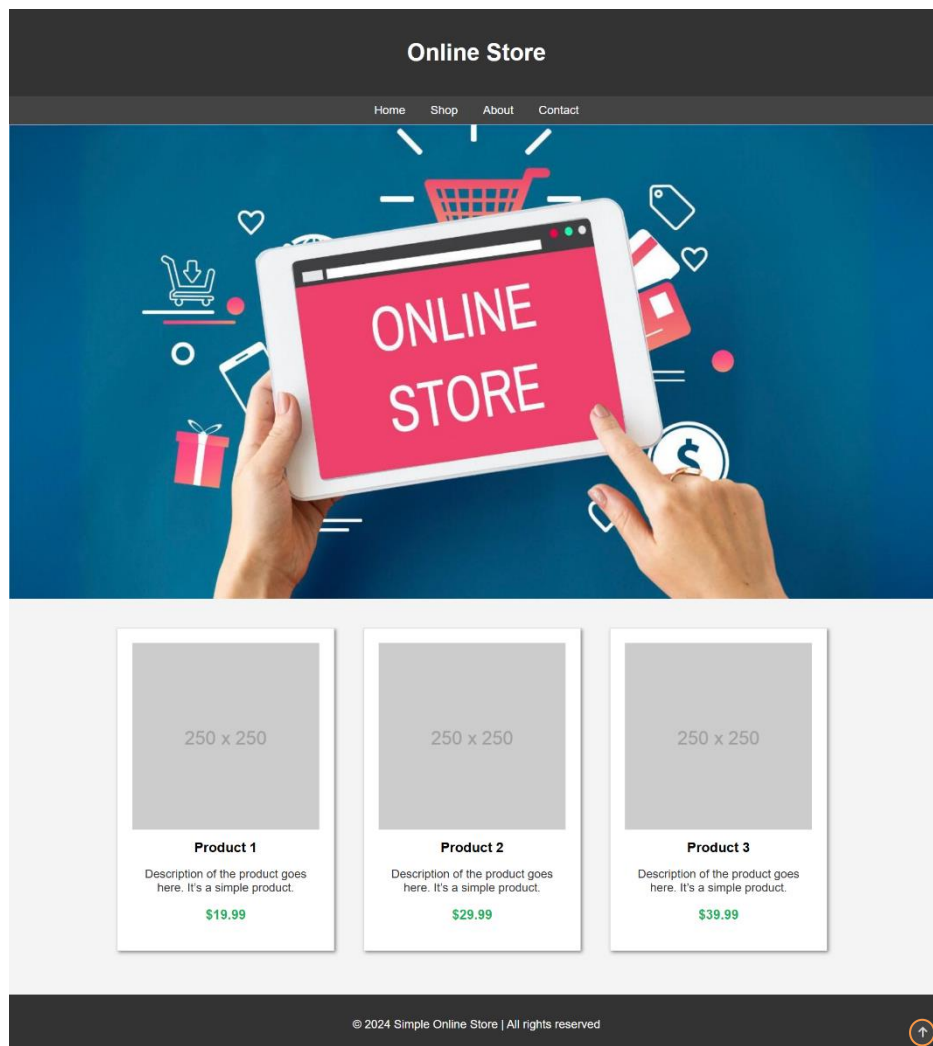
Make the navbar sticky at the top and add back to top button that return you to the start of the page
There are new CSS properties to use like flow to make div product beside each other