Second Project: Advanced HTML and CSS

Final Stage

Introduction

Here's the brief for the final stage of your second project at TripleTen. In this stage, you'll finish the last three sections of your webpage: the menu, the coffee shop sections, and the footer. After that, you'll set up some CSS transition effects.
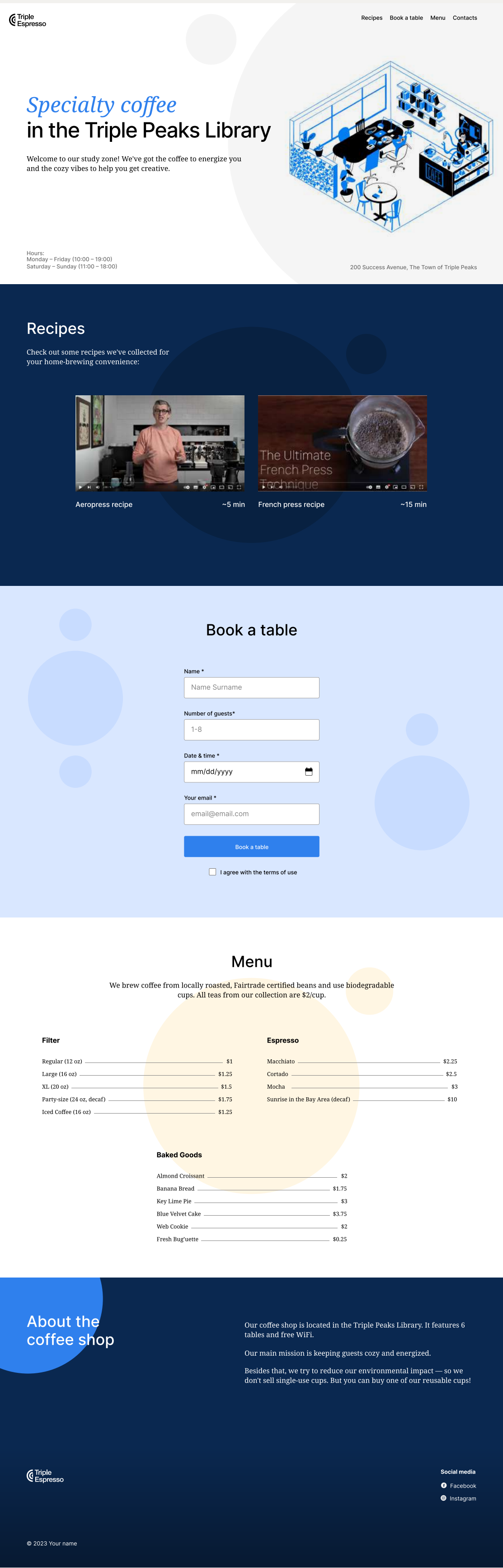
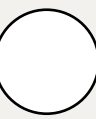Work through the tasks to complete your webpage!

Table of contents

Assignment overview

Here is how your webpage should look by the end of the project.

Colors:

○ #ffffff (header and menu background)

● #000000 (main font color)

● #2f80ed (accents, buttons)

● #838383 (input borders and placeholders)

● #6F6F6F (hours and address)

● #0A2750 (recipes background)

○ #D9E7FF (reservation background)

● #0A2850 (about background)

1.1. Section: Menu

1 Menu

2 We brew coffee from locally roasted, Fairtrade certified beans and use biodegradable cups. All teas from our collection are $2/cup.

3

Filter **5**

7

Regular (12 oz)	$1
Large (16 oz)	$1.25
XL (20 oz)	$1.5
Party-size (24 oz, decaf)	$1.75
Iced Coffee (16 oz)	$1.25

4 **Espresso**

Macchiato	$2.25
Cortado	$2.5
Mocha	$3
Sunrise in the Bay Area (decaf)	$10

6

Baked Goods

Almond Croissant	$2
Banana Bread	$1.75
Key Lime Pie	$3
Blue Velvet Cake	$3.75
Web Cookie	$2
Fresh Bug'uette	$0.25

⚡ **Pro tip**

The list divider is one of the trickiest parts of this design, so we'll help you out by showing you the suggested markup structure.

```
<li class="card__list-item">
   Name
   <span class="card__list-divider">
   .</span>
   Price
</li>
```

Then, to style it as shown, you can turn the <li> into a flex container. If you do this, there will be three flex items: the two pieces of text content and the <span> tag.

You can use a flex item property to control how much of the available space the list divider element takes up and give it a bottom border to create the line. If you forget which property controls how a flex item grows, you can use our platform's search feature to find the relevant lesson. Or use the search engine of your choice to locate the relevant page on MDN.

Required elements and class names

Background: Set the background color to `#fff`. For the background image, provide the URL to `background_menu.svg`. The background doesn't repeat and its position is centered. Set the size value to `cover`.

1. block: `menu`, element: `title`.

2. block: `menu`, element: `subtitle`.

3. block: `menu`, element: `cards`. Notice how the third card is centered. It may look difficult at first, but this is where flexbox shows its true potential.

4. block: `card`.

5. block: `card`, element: `title`.

6. block: `card`, element: `list-item`.

7. block: `card`, element: `list-divider`.

100px

max-width: 780px;

Menu

max-width: 780px;   24px

We brew coffee from locally roasted, Fairtrade certified beans and use biodegradable cups. All teas from our collection are $2/cup.

100px

Filter

32px

Regular (12 oz) _____ $1

16px

Large (16 oz) _____ $1.25

XL (20 oz) _____ $1.5   100px

Party-size (24 oz, decaf) _____ $1.75

Iced Coffee (16 oz) _____ $1.25

width: 540px;

Espresso

Macchiato _____ $2.25

Cortado _____ $2.5

Mocha _____ $3

Sunrise in the Bay Area (decaf) _____ $10

100px

Baked Goods

Almond Croissant _____ $2

Banana Bread _____ $1.75

Key Lime Pie _____ $3

Blue Velvet Cake _____ $3.75

Web Cookie _____ $2

Fresh Bug'uette _____ $0.25

100px

Sizes and spacing

Add all the sizes according to the picture above.
All blocks should be centered inside the section.
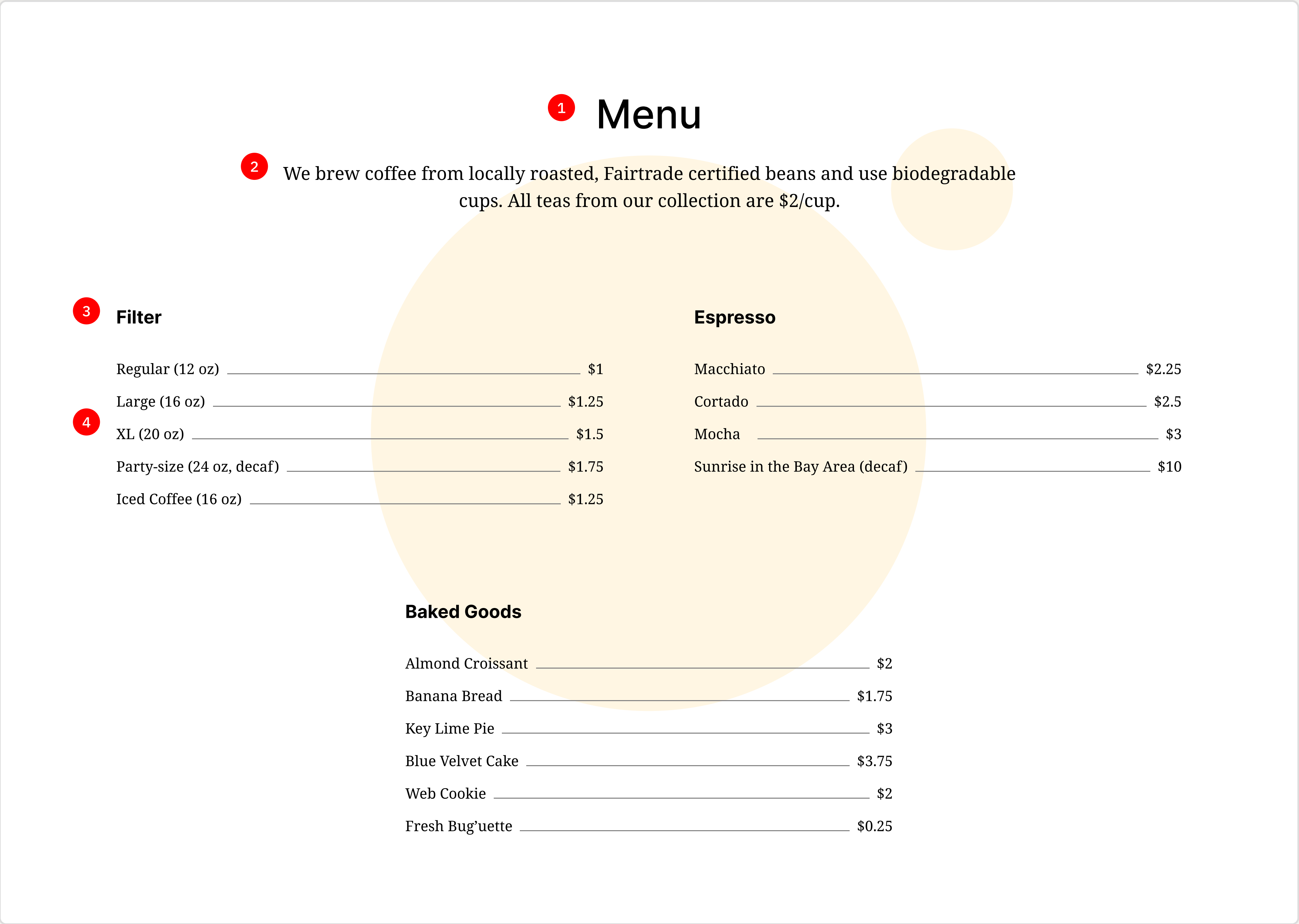
(1) Menu

(2) We brew coffee from locally roasted, Fairtrade certified beans and use biodegradable cups. All teas from our collection are $2/cup.

(3) Filter

Regular (12 oz)	$1
Large (16 oz)	$1.25
(4) XL (20 oz)	$1.5
Party-size (24 oz, decaf)	$1.75
Iced Coffee (16 oz)	$1.25

Espresso

Macchiato	$2.25
Cortado	$2.5
Mocha	$3
Sunrise in the Bay Area (decaf)	$10

Baked Goods

Almond Croissant	$2
Banana Bread	$1.75
Key Lime Pie	$3
Blue Velvet Cake	$3.75
Web Cookie	$2
Fresh Bug'uette	$0.25

(1)
```
font-family: "Inter";
font-style: normal;
font-weight: 500;
font-size: 44px;
line-height: 52px;
```

(2)
```
font-family: "Noto Serif";
font-style: normal;
font-weight: normal;
font-size: 20px;
line-height: 30px;
```

(3)
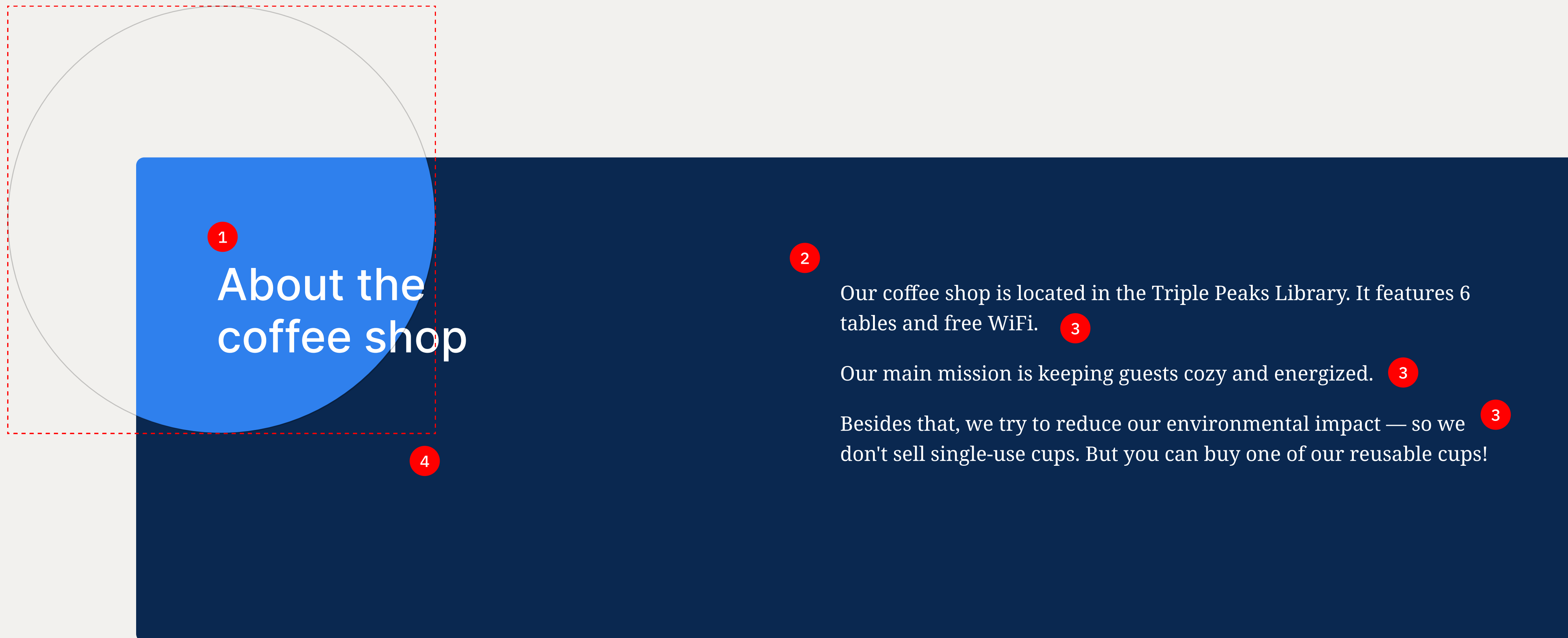```
font-family: "Inter";
font-style: normal;
font-weight: bold;
font-size: 20px;
line-height: 30px;
```

**(4)**
```
font-family: "Noto Serif";
font-style: normal;
font-weight: normal;
font-size: 16px;
line-height: 20px;
```

## Typography

The numbered code snippets correspond to their respective numbered text elements. The text and list item dividers should be given the primary font color.

# 1.2. Section: About the coffee shop

About the
coffee shop

Our coffee shop is located in the Triple Peaks Library. It features 6 tables and free WiFi.

Our main mission is keeping guests cozy and energized.

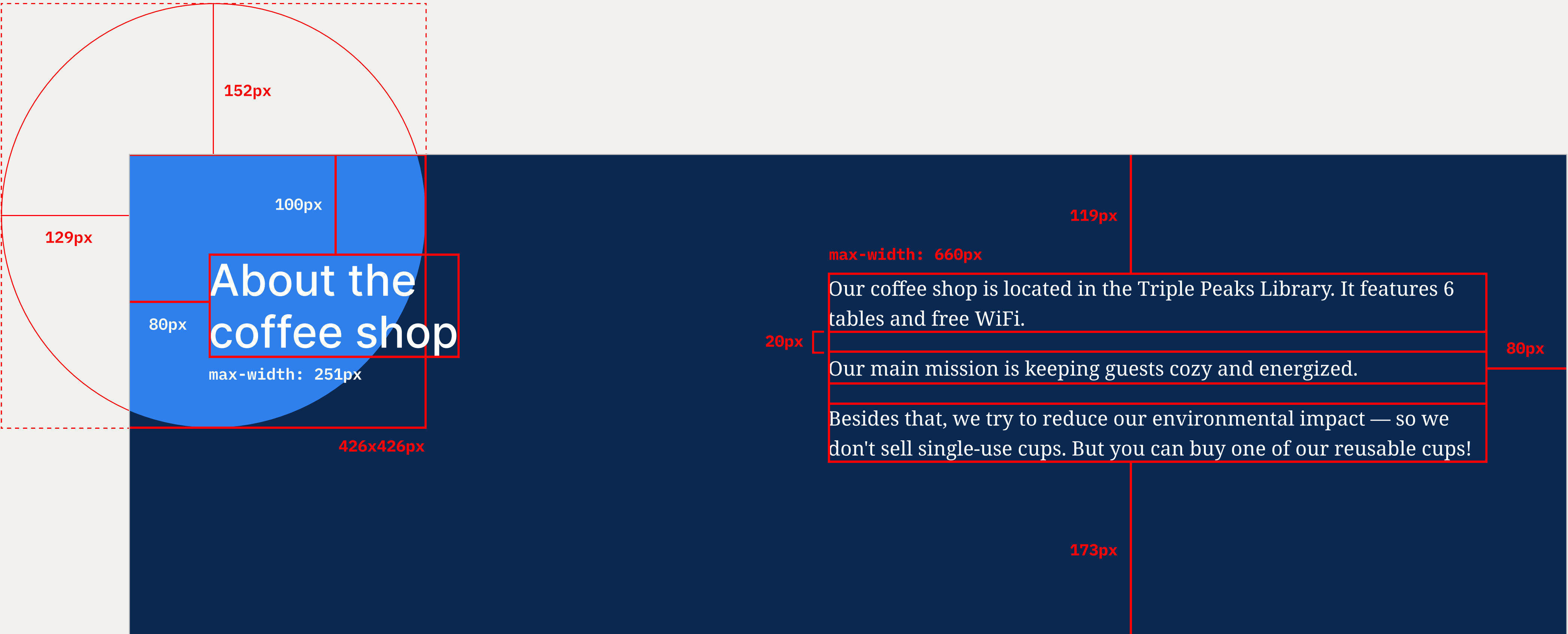Besides that, we try to reduce our environmental impact — so we don't sell single-use cups. But you can buy one of our reusable cups!

## Required elements and class names

**Background:** Set the background color to `#0A2850`.

1. block: `about`, element: `title`.

2. block: `about`, element: `content`.

3. block: `about`, element: `paragraph`.

4. block: `about`, element: `circle`.

152px

100px

129px

80px

About the coffee shop

max-width: 251px

426x426px

119px

max-width: 660px

Our coffee shop is located in the Triple Peaks Library. It features 6 tables and free WiFi.

20px

Our main mission is keeping guests cozy and energized.

Besides that, we try to reduce our environmental impact — so we don't sell single-use cups. But you can buy one of our reusable cups!
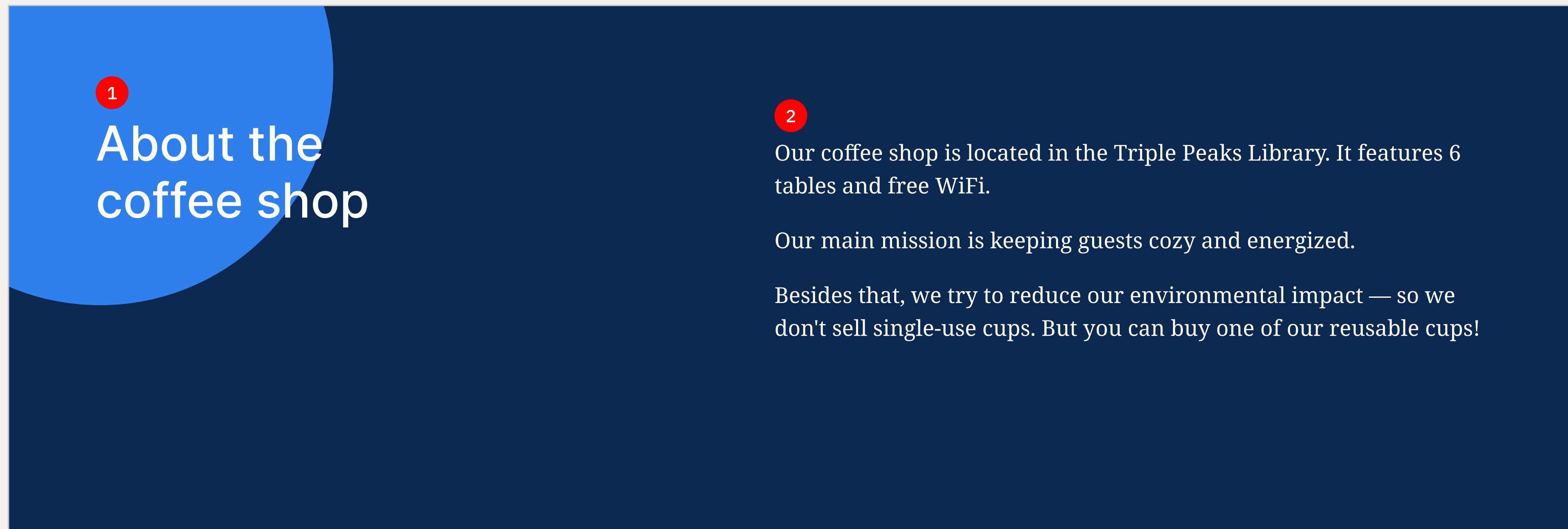
80px

173px

## Sizes and spacing

Add all of the sizes according to the picture above.

Notice the blue accent circle placed under the text. Use absolute position and assign z-index values to the elements of the sections to arrange them correctly.
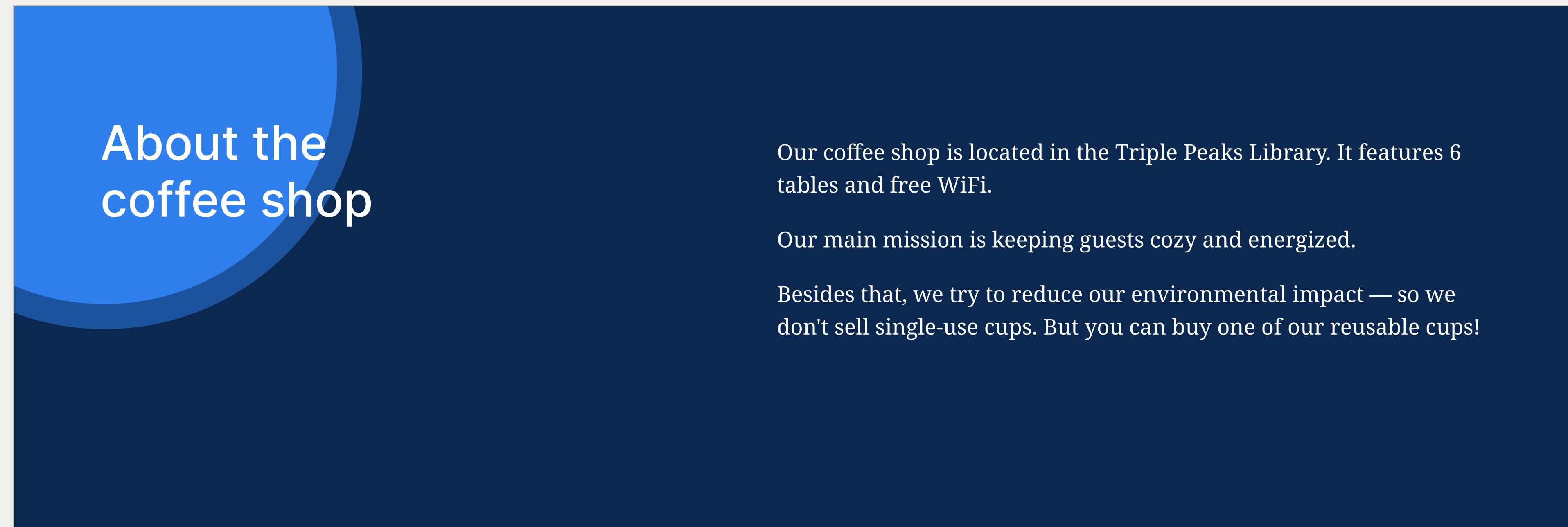
> ⚡ **Pro tip**
>
> You'll note there's no image corresponding to this element in the `images` directory. In this case, it's simple enough to create the circle using CSS. The trick to making an element look like a circle is to adjust its `border-radius` property. Specifically, if the element is a square (meaning its width and length are equal), then you can make it a circle by giving it `border-radius: 50%.`

**1** About the
coffee shop

**2** Our coffee shop is located in the Triple Peaks Library. It features 6 tables and free WiFi.

Our main mission is keeping guests cozy and energized.

Besides that, we try to reduce our environmental impact — so we don't sell single-use cups. But you can buy one of our reusable cups!

**1**
```
font-family: "Inter";
font-style: normal;
font-weight: 500;
font-size: 44px;
line-height: 52px;
```

**2**
```
font-family: "Noto Serif";
font-style: normal;
font-weight: normal;
font-size: 20px;
line-height: 30px;
```

## Typography

The numbered code snippets correspond to their respective numbered text elements.

## About the coffee shop

Our coffee shop is located in the Triple Peaks Library. It features 6 tables and free WiFi.

Our main mission is keeping guests cozy and energized.

Besides that, we try to reduce our environmental impact — so we don't sell single-use cups. But you can buy one of our reusable cups!

## Animation

The blue circle will be animated to pulsate like a heart. You can see the animated version in the project description on the platform.

We need our base `about__circle` element to remain static, so we'll add a new one for the animation. Duplicate the `<div>` element with the static circle with its class, then add a BEM modifier to the duplicated one: `about__circle_animation_blurred`.

Declare the animation with the `@keyframes` at-rule. Place this declaration in your `about.css` file. Give it a meaningful name, such as `pulsate`. The animation should have three frames:

1. At the start of the animation, make the animated circle invisible using the `opacity` property.

2. During the middle stage (`50%`), increase the opacity to `0.6.`

3. When the animation is complete, apply the `transform` property to scale the circle. In the scale function, specify any value to your liking, larger than `1` but no larger than `1.5`. Make the circle invisible again.

Implement the `animation` on the circle by adding the animation property to the modifier. Specify the animation's duration (`1.3s`), the timing function should be `ease-in-out`. There should be no delay, and the animation should be infinite.

# 1.3 Footer
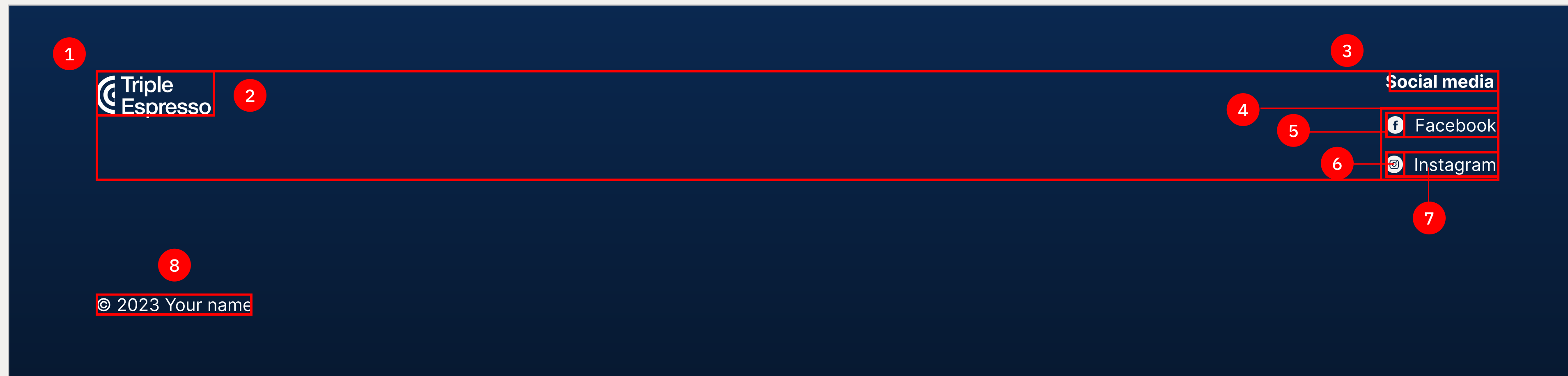


## Required elements and class names

**Background:** notice the fancy gradient. Figma provides you with ready-made code for gradients, so let's use the code for this one

```
background: linear-gradient(180deg, #0A2850 0%, #071931 100%);
```

1. block: `footer`, element: `content`.

2. block: `footer`, element: `logo`.

3. block: `footer`, element: `social-heading`.

4. block: `footer`, element: `list`.

5. block: `footer`, element: `list-item`.

6. block: `footer`, element: `social-icon`.

7. block: `footer`, element: `social-link`.

   Create a hover state for links so they smoothly transition into a color of `#C1C1C1`. You can specify any transition properties you'd like, such as duration or timing function.

8. block: `footer`, element: `copyright`. Remember to write your name here. 🙂
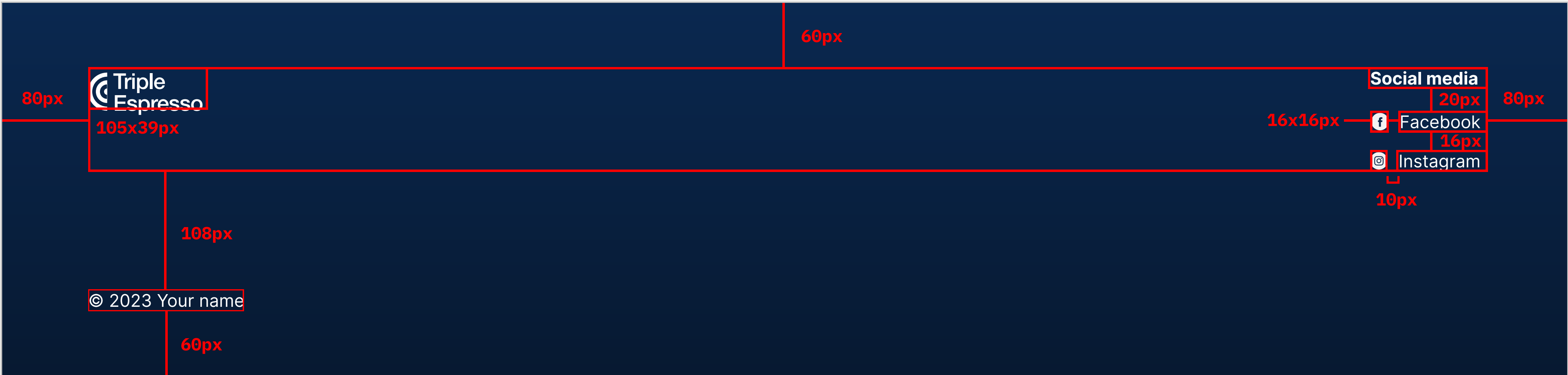
Sizes and spacing

Add all the sizes according to the picture above.

Social media

1

2 Facebook

Instagram

© 2023 Your name 3

1
```
font-family: "Inter";
font-style: normal;
font-weight: bold;
font-size: 16px;
line-height: 20px;
```

2
```
font-family: "Inter";
font-style: normal;
font-weight: normal;
font-size: 16px;
line-height: 20px;
```

3
```
font-family: "Inter";
font-style: normal;
font-weight: normal;
font-size: 16px;
line-height: 20px;
```

Typography

The numbered code snippets correspond to their respective numbered text elements.

1.4 Smooth Transitions

Create the required smooth transitions for the following elements when they are hovered over.

1. The `color` of the `nav__link` elements should transition to `#2F80ED`.
2. The `opacity` of the `form__button` element should transition from `100%` to `70%`.
3. The `color` of the `footer__social-link` elements should transition to `#C1C1C1`.

You can specify any values you'd like for transition properties, such as the duration or timing function.

2. Self-review

You are nearing the finish line for this project stage. Before submitting, there is one last crucial task: conducting the self-review. To help, we've prepared a checklist:

☐ Compare each section of your webpage against the brief (open your project side-by-side with the brief and go through each point. Consider jotting down notes for yourself with things that you want to remember).

☐ Check the validity of your code using a <u>validator</u>.

☐ Check your project against all the checklist items (you'll find this in the project description on the platform).

☐ Make sure to remove any redundant comment lines. Keep the comments that help you better understand the project structure and facilitate your understanding of complex features.

Once you're finished, you're ready to submit the project. Awesome job!