

## Project Documentation: IntroToComputing-Challenges

### Challenge #8: External CSS and Responsiveness

Objective: Implement external CSS for styling and add responsiveness to the project based on the learning objectives.

GitHub Repository:

<https://github.com/teknikolbarsubia0563/IntroToComputing-Challenges>

### External CSS Implementation

#### CSS Structure

Create an external stylesheet named style.css and link it to the HTML file using the following tag in the <head> section.

```
<link rel="stylesheet" href="style.css">
```

#### Styling Header Section

```
/* styles.css */

/* Header Styling */
header {
    /* ... (Header styles) */
}

/* Navigation Styling */
.navbar {
    /* ... (Navigation styles) */
}

/* Logo Styling */
.logo {
    /* ... (Logo styles) */
}

/* Icon Styling */
.icons {
    /* ... (Icons styles) */
}
```

#### Styling Home Section

```
/* Home Section Styling */
.home {
    /* ... (Home section styles) */
}
```

#### Styling About Section

```
/* About Section Styling */
.about {
    /* ... (About section styles) */
}
```

## Styling Icons Section

```
/* Icons Section Styling */
.icons-container {
    /* ... (Icons container styles) */
}

/* Individual Icon Styling */
.icons {
    /* ... (Icon styles) */
}
```

## Styling Product Section

```
/* Product Section Styling */
.products {
    /* ... (Product section styles) */
}

/* Individual Box Styling */
.box {
    /* ... (Box styles) */
}
```

## Styling Review Section

```
/* Review Section Styling */
.review {
    /* ... (Review section styles) */
}

/* Individual Review Box Styling */
.box {
    /* ... (Box styles) */
}
```

## Styling Contact Section

```
/* Contact Section Styling */
.contact {
    /* ... (Contact section styles) */
}

/* Form Styling */
form {
    /* ... (Form styles) */
}

/* Image Styling */
.image {
    /* ... (Image styles) */
}
```

### Styling Footer Section

```
/* Footer Section Styling */
.footer {
    /* ... (Footer section styles) */
}

/* Footer Box Styling */
.box {
    /* ... (Box styles) */
}

/* Credit Styling */
.credit {
    /* ... (Credit styles) */
}
```

## Responsiveness Implementation

### Viewport Meta Tag

In the <head> section of your HTML file, add the viewport meta tag for responsiveness.

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

### Media Queries

Utilize media queries in your style.css file to adjust styles for different screen sizes.

```
/* Responsive Styles for Small Screens */
@media only screen and (max-width: 600px) {
    /* ... (Responsive styles for small screens) */
}

/* Responsive Styles for Medium Screens */
@media only screen and (min-width: 601px) and (max-width: 1024px) {
    /* ... (Responsive styles for medium screens) */
}

/* Responsive Styles for Large Screens */
@media only screen and (min-width: 1025px) {
    /* ... (Responsive styles for large screens) */
}
```

The main features of this website are:

- responsive navigation bar section using flexbox.
- responsive home section using flexbox.
- responsive about section using flexbox.
- responsive products card section using flexbox.
- responsive review section using flexbox.
- responsive contact section using flexbox.
- responsive footer section using flexbox.

## Conclusion

This documentation provides an overview of the external CSS implementation and responsiveness added to the project. Each section is documented with its purpose and code structure.

Commit Title: "Challenge #8: External CSS and Responsiveness"