

# Challenge 1: CSS Basic Selector

```
<!doctype html>
<html>
  <head>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <p>Hello, world!</p>
  </body>
</html>
```

**Challenge:** Using a basic CSS selector, change the text color of "Hello, world!" to blue.

## Challenge 2: CSS Group Selector

```
<!doctype html>
<html>
  <head>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <h1>Welcome to my website</h1>
    <p>Enjoy your stay!</p>
    <p>Don't forget to subscribe!</p>
  </body>
</html>
```

**Challenge:** Using group selectors, set the text color of all <p> elements and the <h1> element to green.

## Challenge 3: CSS Descendant Selector

```
<!doctype html>
<html>
  <head>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <div>
      <p>Welcome!</p>
    </div>
    <p>Thank you for visiting!</p>
  </body>
</html>
```

**Challenge:** Use a descendant selector to change the color of the paragraph inside the <div> to red, but leave the other paragraph black.

## Challenge 4: CSS Adjacent Sibling Selector

```
<!doctype html>
<html>
  <head>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <h1>Welcome to the blog</h1>
    <p>This is the first post.</p>
    <p>This is the second post.</p>
  </body>
</html>
```

**Challenge:** Use an adjacent sibling selector to style the first paragraph after the <h1> with italic text, but keep the second paragraph normal.

## Challenge 5: CSS Child Selector

```
<!doctype html>
<html>
  <head>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <ul>
      <li>
        <p>First item</p>
      </li>
      <li>
        <p>Second item</p>
      </li>
      <li>
        <p>Third item</p>
      </li>
    </ul>
    <p>Hello, world!</p>
  </body>
</html>
```

**Challenge:** Use a child selector to change the text color of the <p> elements that are direct children of <li> elements to purple.