**EXERCISE: Practise the Use of Class and ID Selectors**

**Objective**: Create an **index.html** file and a **style.css** file to practice using class and ID selectors. You will apply different styles to elements using both class and ID selectors, and observe the differences in specificity.

**Instructions**:

1. Create an **index.html** file with the following HTML structure:
   1. htmlCopy code
   2. <!DOCTYPE html>
   3. <html lang="en">
   4. <head>
   5. <meta charset="UTF-8">
   6. <meta name="viewport" content="width=device-width, initial-scale=1.0">
   7. <title>Class and ID Practice</title>
   8. <link rel="stylesheet" href="style.css">
   9. </head>
   10. <body>
   11. <h1 class="main-title">Class or ID? The Great CSS Debate!</h1>
   12. <p class="description">This paragraph has a class called "description".</p>
   13. <p id="unique">This paragraph has an ID called "unique".</p>
   14. <p class="description">This paragraph also has a class called "description".</p>
   15. </body>
   16. </html>
2. Create a **style.css** file. Write CSS rules to apply the following styles to the elements in the **index.html** file:
   1. Style the **<h1>** element with the class **.main-title** to have blue text.
   2. Style the **<p>** elements with the class **.description** to have green text and an 18px font size.
   3. Style the **<p>** element with the ID **#unique** to have red text and a bold font weight.

Remember to use the appropriate class and ID selectors in your CSS rules.

1. Save both the **index.html** and **style.css** files.
2. Open the **index.html** file in your preferred web browser. You should see the styled elements based on the CSS rules you created in step 2.

**Hints**:

* Remember that classes can be applied to multiple elements, whereas IDs should be unique to a single element.
* Classes and IDs have different levels of specificity, with IDs being more specific than classes. This means that if there's a conflict between a class and an ID selector, the ID selector will take precedence.  I talk about that in future lecture: "RULES of selecting tags - IMPORTANT LECTURE to AVOID problems in CSS"

Once you have completed this exercise, you will have practiced using class and ID selectors in a simple HTML and CSS project. This will help you understand when to use each type of selector and how they affect the styling of your webpages.

**CSS solution below:**

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1. .main-title {
2. color: blue;
3. }
5. .description {
6. font-size: 18px;
7. color: green;
8. }
10. #unique {
11. color: red;
12. font-weight: bold;
13. }