Id selector and class selector

ID selector:  
 Targets a single, unique element on a webpage. Use the # symbol followed by the ID name.

IDs must be **unique** within a page. Each element can have only one ID, and no two elements should share the same ID.

Example:  
 <div id="header">This is the header</div>

#header {

background-color: lightblue;

font-size: 20px;

}

Class Selector:

Targets one or more elements on a webpage. Use the ‘.’ symbol followed by the class name. Classes are **reusable**, meaning multiple elements can share the same class.

Example:

<div class="box">Box 1</div>

<div class="box">Box 2</div>

.box {

border: 1px solid black;

padding: 10px;

}