**Assignment on Web application programming**

**Part 1: CSS Positioning**

**Objective:** Create a web page demonstrating different CSS positioning techniques.

**Instructions:**

1. Create an HTML file named index.html.
2. Add a div element with the class container and three child div elements with classes absolute, relative, and fixed.
3. Style the container to have a width of 500px and height of 300px.
4. Apply different positioning styles to each child div.

**Part 2:** Try changing the width and give only 10px to border property. Mention what changes you have noticed with the content. Hint: Create a html with div containers and classes accordingly.

.border-box, .content-box {

width: 200px;

height: 100px;

margin: 20px;

padding: 20px;

border: 10px solid black;

}

.border-box {

box-sizing: border-box;

background-color: lightyellow;

}

.content-box {

box-sizing: content-box;

background-color: lightgray;

}

**Part 3:** Javascript – show difference between substr and substring with negative index and positive index for the string “The world is wonderful”.

**Part 4**: Javascript : Show what’s inline, internal and external scripts.

**Part 5:** Javascript: As per naming convention, which variable is advisable to use for functions or arrays: const or let or var?