**9. Create an Animated Accordion / Collapsible content using HTML, CSS and Javascript.**

Accordion.html:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <link rel="stylesheet" type="text/css" href="accordion.css">

    <title>Accordion</title>

</head>

<body>

    <div class="container">

        <div class="box">

            <div class="box\_head">What is HTML?</div>

            <div class="box\_text">HTML stands for Hyper Text Markup Language. HTML is the standard markup language for creating Web pages. HTML describes the structure of a Web page. HTML consists of

a series of elements. HTML elements tell the browser how to display the content.

            </div>

        </div>

        <div class="box">

            <div class="box\_head">Does a hyperlink only apply to text?</div>

            <div class="box\_text">No, you can use hyperlinks on text and images both. The HTML anchor tag defines a hyperlink that links one page to another page. The "href" attribute is the most important attribute of the HTML anchor tag. <br>

            </div>

        </div>

        <div class="box">

            <div class="box\_head">How to create a nested webpage in HTML?</div>

            <div class="box\_text">The HTML iframe tag is used to display a nested webpage. In other words, it represents a webpage within a webpage. The HTML iframe tag defines an inline frame. Add href attribute for the other webpage link. <br>

            </div>

        </div>

        <div class="box">

            <div class="box\_head">what are the CSS Selectors?</div>

            <div class="box\_text">CSS selectors : <br>

                Element selector , Class selector , Id selector , Universal selectors, Attribute selector, Pseudo-Class selector.

            </div>

        </div>

    </div>

    <script>

        var box=document.querySelectorAll(".box");

        for(i=0;i<box.length;i++){

            box[i].addEventListener("click",function(){

                this.classList.toggle("active");

            })

        }

    </script>

</body>

</html>

Accordion.css:

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

    font-family: sans-serif;

}

body{

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    background-color: aquamarine;

    }

.container{

    width: 800px;

}

.box{

    width:100%;

    padding: 10px;

}

.box .box\_head{

    background-color: black;

    padding: 15px;

    color: white;

    border-radius: 4px;

    position: relative;

    cursor: pointer;

    font-weight: 600;

}

.box\_head::before{

    content: "+";

    font-weight: 600;

    position: absolute;

    right: 20px;

}

.box.active .box\_head::before{

    content: "-";

}

.box .box\_text{

    background-color: white;

    border-radius: 4px;

    padding: 0;

    margin-top: 5px;

    height: 0;

    overflow: auto;

}

.box.active .box\_text{

    height: 100px;

    padding: 15px;

}

Output:

