Accordion

- The accordion is widget of jQuery UI.

- It gives a collapsible information section on our webpage.

- Apart from that, the accordion widget is particularly useful if you have long information that can be divided into different sections on a web page.

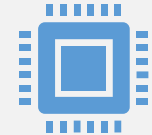# Steps of making Accordion example

Step1: Create the HTML file where I can add HTML elements and tags with their properties.

Step2: Now, I am going to add stylesheet so that I can create an attractive webpage.

Step3: After that, I need to add some scripts so that I can make open and close a panel by clicking on a particular panel.

Step4: with that, I have added by default jQuery libraries and JavaScript files.

Step1: Accordion.html


```html
<body>
    <div class="hed_tag"><h2 style="text-align:center;">----ACCORDION----</h2></div>
        <div id="accordion">
            <h3 >Section:1</h3>
        <div>
            <p>
            <b>Text::</b>
            This is my first accordion program where we can create this kind of theme by the help of
            </p>

        </div>

        <h3 >Section:2</h3>
            <div>
            <p>
                <b>Text And Image::</b>
                The accordion widget uses the jQuery UI CSS framework to style its look and feel. And
            </p>
            <!--displaying image with accordion tag-->
                <img src="new.jpg"/>

        </div>
```

Description: In this HTML file, I have added paragraph, image, and lists.

Step2: style.css

```css
# style.css > ...
1    body{
2    background-color: ■#eee;
3    }
4    /* for set the position */
5    div#accordion {
6        width: 70%;
7        margin: 70px 250 70 190px;
8    border: 30px solid ■rgb(213, 231, 231);
9    }
10   /* text decoration*/
11   .hed_tag {
12       margin: 50px 0 0 0;
13       color: □rgba(104, 94, 94, 0.795);
14   }
15
```

Description: In this CSS file, I have added background properties, accordion position, text decoration.

Step3: Accordion.html

```
10          <!--Script to operate functionality-->
11      <script>
12          $( function() {
13              // toggle between hiding and showing the active section
14              $( "#accordion" ).accordion();
15              collapsible: true;
16          } );
17      </script>
18  </head>
19
```
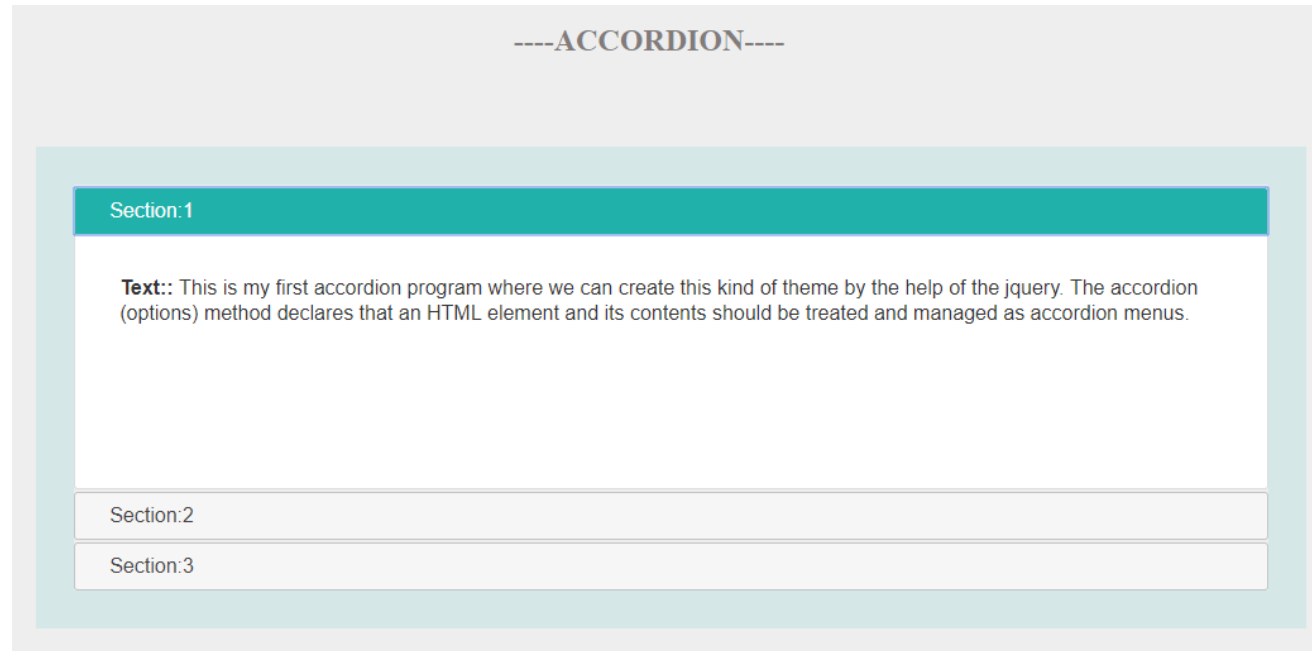
Description: In this HTML file, I have added script for an accordion functionality.

Step4: Default jQuery libraries

```
<head>
    <title>jQuery Accordion </title>
    <!--Here I am going to add some jquery libraries-->
    <link rel="stylesheet" href="./jquery-ui.css">
    <link rel="stylesheet" href="./style.css">
    <script src="https://code.jquery.com/jquery-1.12.4.js"></script>
    <script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>
```
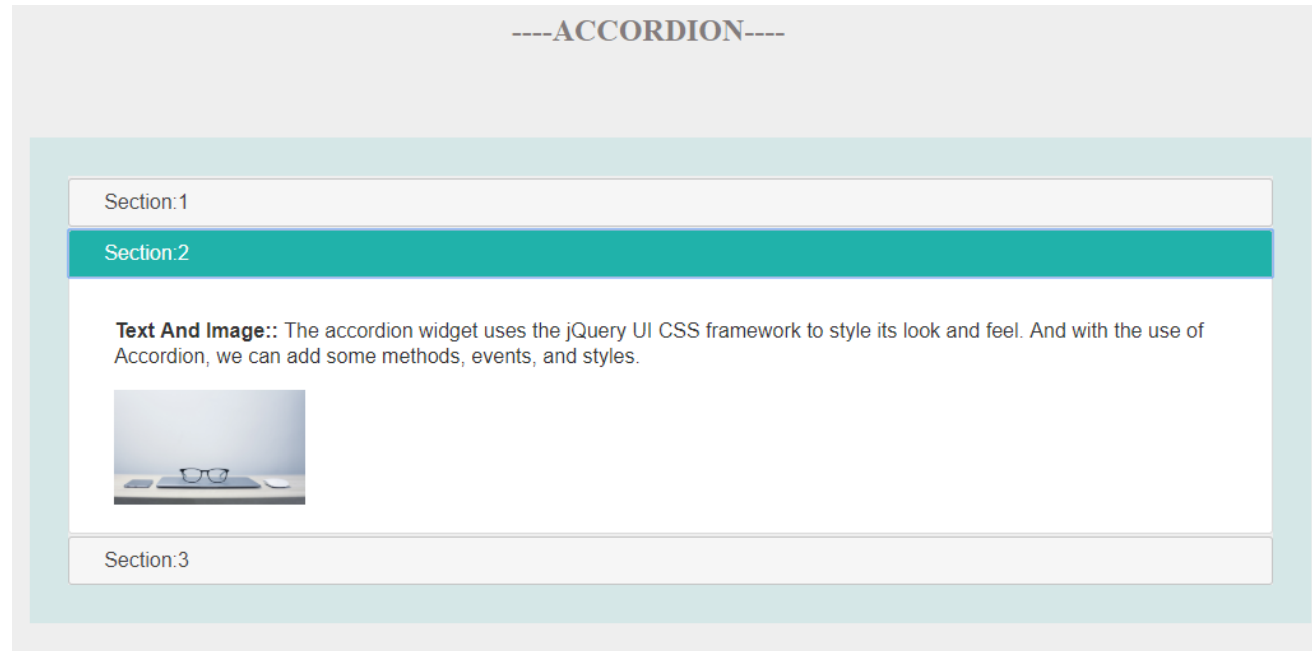
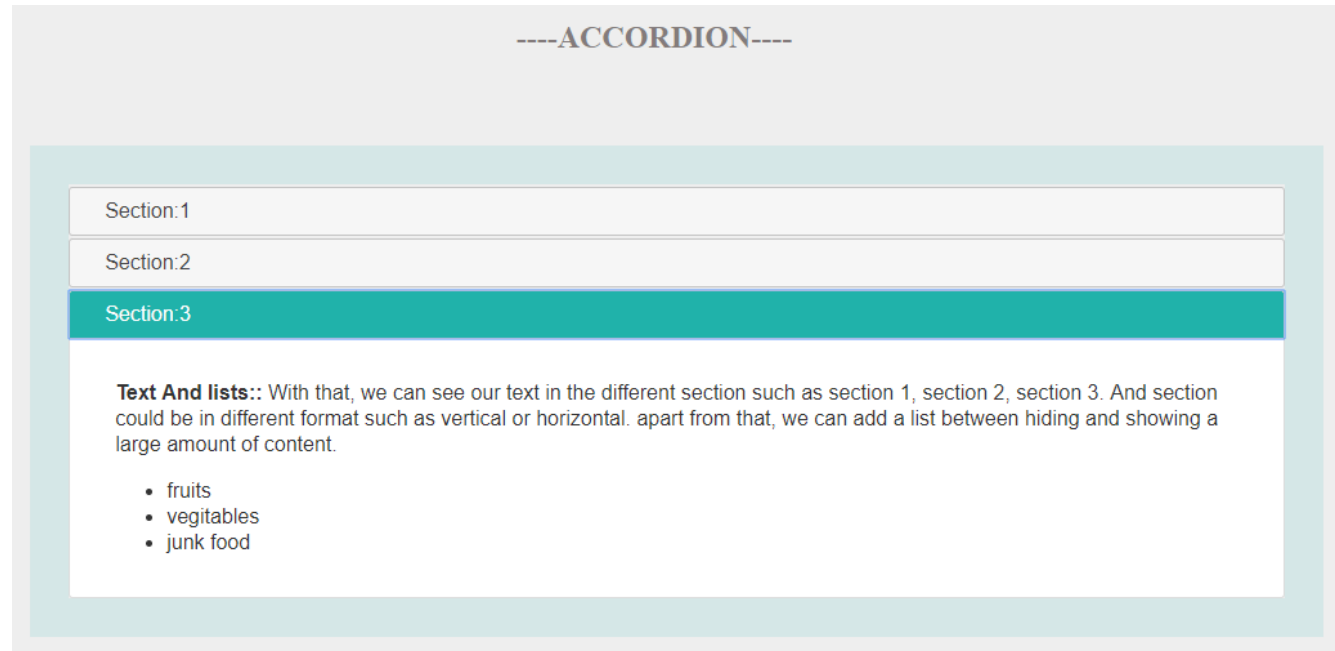**Description**: In this section, I have added default jQuery libraries as well as manually created CSS.

Output-
Section 1:

Description: In the first section I have added text with alignment.

Section 2:

----ACCORDION----

Section:1

Section:2

Text And Image:: The accordion widget uses the jQuery UI CSS framework to style its look and feel. And with the use of Accordion, we can add some methods, events, and styles.

Section:3

Description: In the second section I have added text and image.

Section 3:

Description: In the third section I have added text and list.

Scenario where we can use accordion.

- Working:

  Creating accordion by the jQuery plugin is merely the matter of including *jQuery UI library* and calling an accordion in JavaScript section where it is associated to an element like div, paragraph etc. that will act as an accordion.

- Use of the accordion:

✓ In Frequently asked question(FAQ).

✓ Comment section.

✓ Large content(text, images, lists).

✓ Side-bar of the webpage.

Thank you

Nikunjkumar Patel

ID: 19483855

nikpat25@student.wintec.ac.nz