Coding is practice... Practice your HTML Code, with help of following steps, which will give you a clear understanding about HTML Grouping Element.
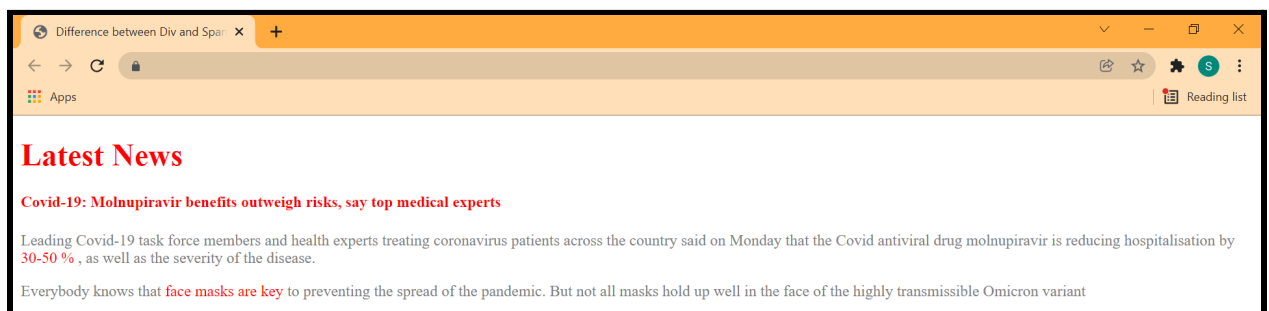
Challenge 1:
Steps:
- Open VS code.
- Select New File in the opened folder…
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given html code in the file.

```html
<!DOCTYPE html>
<html>
 <head>
   <title>Difference between Div and Span</title>
   <!--Apply styles using the class names this is known as class selector, you
will learn about this in detail -->
   <!-- Same style is applied to class header and highlights-->
   <style>
     .header, .highlights{
       color: red;
     }
     .content{
       color: grey;
     }
   </style>

 </head>
 <body>
   <!-- the main class encapsulates header and content divisions, if any style
is applied to main class then those styles will be applicable to header and
content divisions-->
   <div class="main">
     <!-- header class division-->
     <div class="header">
       <h1>Latest News</h1>
       <h4>Covid-19: Molnupiravir benefits outweigh risks, say top medical
experts</h4>
     </div>
     <!-- content class division-->
     <div class="content">
```

```html
        <p>
        Leading Covid-19 task force members and health experts treating
coronavirus patients across the country said on Monday that the Covid antiviral
drug molnupiravir is reducing hospitalisation by
        <!-- the span is included inside the paragraph and a seperate style is
applied to it-->
        <span class="highlights"> 30-50 % </span>, as well as the severity of
the disease.
        </p>
        <p>
        Everybody knows that
        <!-- the span is included inside the paragraph and a seperate style is
applied to it--><span class="highlights">face masks are key </span> to
preventing the spread of the pandemic. But not all masks hold up well in the
face of the highly transmissible Omicron variant
        </p>
    </div>
  </div>
 </body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

Challenge 2:
Steps:
- Open VS code.
- Select New File in the opened folder…
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given html code in the file.

```html
<!DOCTYPE html>
<html>
 <head>
   <!--Title of the web page-->
   <title>DIV and SPAN</title>
    <!--styles given using the class name of the divisions-->
   <style>
     .main{
       text-align: justify;
     }
     .highlights{
       color: red;
       font-weight: bold;
     }
     .content{
       background-color: lightblue;
     }
     .table{
       background-color: lightgreen;
     }
     .lists{
       background-color: lightpink;
     }
   </style>
 </head>
 <body>
   <div class="main">
     <div class="content">
       <!--Content with highlights-->
       <h1>Running Champions</h1>
       <p>In our school we conducted <span class="highlights">Intra school
Running competions</span>, where students from all school participated. Some of
our student have won the competition. List of students<span class="highlights">
```

```html
who won the competions </span> are as follows:</p>
    </div>
    <div class="table">
      <table border="1" style="width:30%">
        <!--Header row-->
        <tr>
          <th colspan="2">Name</th>
          <th>Grade</th>
        </tr>
        <!--Data row 1-->
        <tr>
          <td>Jill</td>
          <td>Smith</td>
          <td>4</td>
        </tr>
        <!--Data row 2-->
        <tr>
          <td>Eve</td>
          <td>Jackson</td>
          <td>7</td>
        </tr>
      </table>
    </div>
    <div class="lists">
      <p>Rank of winners can be seen in the following list</p>
      <ol>
        <!-- ordered list-->
        <li>Jack Wills</li>
        <li>Jill Smith</li>
        <li>Mark William</li>
        <li>Eve Jackson</li>
      </ol>
    </div>
  </div>
 </body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

Challenge 3:

With your new gained knowledge on HTML <div> and <span> tags prepare a simple portfolio web page.

Sample output:

Process for Submission

Please upload your assignment file via this Google Form
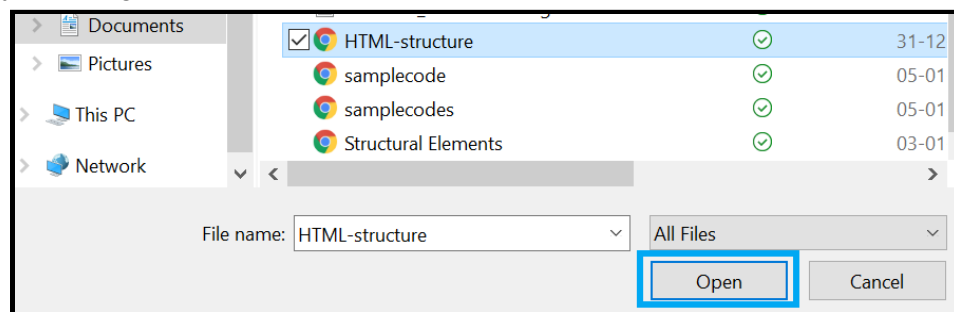
Steps to submit the assignment:

1. Open the Google Form.
2. Enter your email id, name, assignment name.
3. And upload the assignment file by clicking the Add file button.
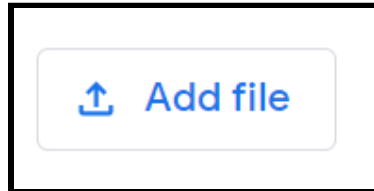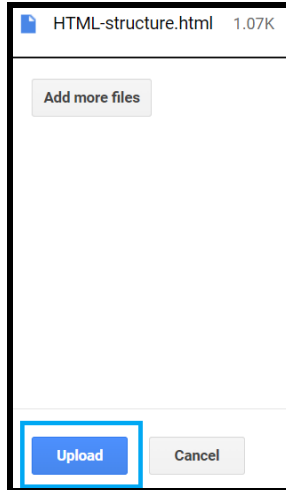

4. You can upload the file by clicking **Select file from your device** or by dragging the file and dropping it in the window opened.
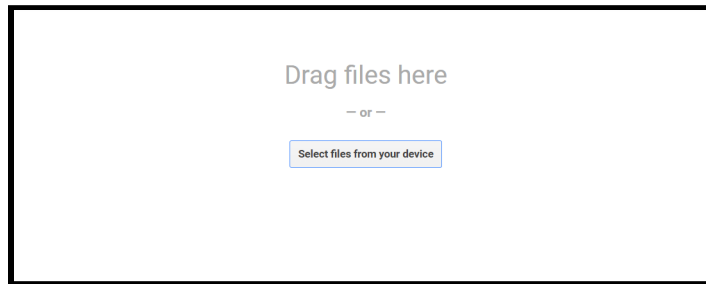
5. Select your assignment file and click the **Open** button.

6. After selecting the file click on the **Upload** button.

7. Once the file is uploaded, click on the Submit button.