Write the HTML code to display the Use all heading tags to display Text content and use Horizontal rule tag after every heading tags.

ANS:

```
<!DOCTYPE html>
<html>
<head>
   <title>Heading Tags Example</title>
</head>
<body>
   <h1>Heading 1</h1>
   <hr>
   <h2>Heading 2</h2>
   <hr>
   <h3>Heading 3</h3>
   <hr>
   <h4>Heading 4</h4>
   <hr>
   <h5>Heading 5</h5>
   <hr>
   <h6>Heading 6</h6>
   <hr>
</body>
</html>
```

Create a Web page using all formatting Tags in the HTML. Use various colors and font styles to display the content in the web page.

ANS:

```
<!DOCTYPE html>
<html>
<head>
    <title>Formatted Web Page</title>
</head>
<body>
    <h1 style="color: blue; font-family: Arial, sans-serif; text-align: center;">Welcome to My Web Page</h1>

    <p>This is a <strong>bold</strong> and <em>italic</em> text. It can also be <u>underlined</u>.</p>

    <p>This is a <sub>subscript</sub> and <sup>superscript</sup>.</p>

    <p>This is a <mark style="background-color: yellow;">highlighted</mark> text.</p>

    <p>This is <code>inline code</code> and <kbd>keyboard input</kbd>.</p>
```

```html
<p>This is a <abbr title="Hypertext Markup Language">HTML</abbr> abbreviation.</p>

<blockquote style="background-color: #f2f2f2; padding: 10px; border-left: 3px solid #666;">
    This is a blockquote. It can be used for citing text or displaying important information.
</blockquote>

<ul>
    <li style="color: green;">Unordered List Item 1</li>
    <li style="color: red;">Unordered List Item 2</li>
    <li style="color: blue;">Unordered List Item 3</li>
</ul>

<ol>
    <li style="font-family: 'Courier New', monospace;">Ordered List Item 1</li>
    <li style="font-family: 'Comic Sans MS', cursive;">Ordered List Item 2</li>
    <li style="font-family: 'Times New Roman', serif;">Ordered List Item 3</li>
</ol>

<a href="https://www.example.com" style="color: #FF5733; text-decoration: none;">Visit Example.com</a>

<hr>

<p style="text-align: center; font-size: 20px;">Thank you for visiting my web page!</p>
</body>
</html>
```

Write a HTML program and use the new HTML form elements such as date, number, range, email, search and data list, Understand audio, video, article tags.

ANS:
```html
<!DOCTYPE html>
<html>
<head>
    <title>HTML New Elements and Tags</title>
</head>
<body>
    <h1>New HTML Form Elements</h1>

    <form>
```

```html
    <label for="dateInput">Date:</label>
    <input type="date" id="dateInput"><br>

    <label for="numberInput">Number:</label>
    <input type="number" id="numberInput"><br>

    <label for="rangeInput">Range:</label>
    <input type="range" id="rangeInput"><br>

    <label for="emailInput">Email:</label>
    <input type="email" id="emailInput"><br>

    <label for="searchInput">Search:</label>
    <input type="search" id="searchInput"><br>

    <label for="datalistInput">Select from a list:</label>
    <input list="colors" id="datalistInput">
    <datalist id="colors">
        <option value="Red">
        <option value="Green">
        <option value="Blue">
        <option value="Yellow">
    </datalist><br>

    <input type="submit" value="Submit">
</form>

<h1>HTML Media and Article Tags</h1>

<article>
    <h2>Article Title</h2>
    <p>This is a sample article.</p>
</article>

<h2>Audio Example</h2>
<audio controls>
    <source src="example.mp3" type="audio/mpeg">
    Your browser does not support the audio element.
</audio>

<h2>Video Example</h2>
<video controls width="400">
```

```html
        <source src="example.mp4" type="video/mp4">
        Your browser does not support the video element.
    </video>
</body>
</html>
```

Write a brief explanation about the List and its types. write your own example program that displays the items in ordered, unordered.

For Example: Display 10 fruits in ordered list.10 vegetables in unordered list.

ANS:

.

Ordered List (<ol>): Ordered lists are used to represent a list of items in a specific sequence or order. Each list item is typically preceded by a numerical or alphabetical label (e.g., 1, 2, 3 or A, B, C). Ordered lists are useful when the order of items matters. The HTML **<ol>** element is used to create ordered lists.

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Unordered List (<ul>): Unordered lists are used to represent a list of items that do not have a specific sequence or order. Each list item is typically preceded by a bullet point or some other symbol. Unordered lists are suitable for collections of items without a particular order. The HTML **<ul>** element is used to create unordered lists.

.

```html
<!DOCTYPE html>
<html>
<head>
    <title>Lists Example</title>
</head>
<body>
    <h1>Fruits and Vegetables</h1>

    <h2>Fruits (Ordered List)</h2>
    <ol>
        <li>Apple</li>
        <li>Banana</li>
        <li>Cherry</li>
        <li>Date</li>
        <li>Grapes</li>
        <li>Kiwi</li>
        <li>Lemon</li>
        <li>Mango</li>
        <li>Orange</li>
        <li>Pineapple</li>
```

```
</ol>

<h2>Vegetables (Unordered List)</h2>
<ul>
    <li>Carrot</li>
    <li>Broccoli</li>
    <li>Cucumber</li>
    <li>Tomato</li>
    <li>Spinach</li>
    <li>Potato</li>
    <li>Zucchini</li>
    <li>Eggplant</li>
    <li>Pepper</li>
    <li>Onion</li>
</ul>
</body>
</html>
```

Write a html program three Paragraphs and align them in left, right and center use formatting tags for format the paragraphs.

ANS:
```
<!DOCTYPE html>
<html>
<head>
    <title>Paragraph Alignment Example</title>
    <style>
        .left-align {
            text-align: left;
        }
        .right-align {
            text-align: right;
        }
        .center-align {
            text-align: center;
        }
    </style>
</head>
<body>
    <h1>Paragraph Alignment Example</h1>

        <p class="left-align">
```

```html
        This is a left-aligned paragraph. It's aligned to the left using the CSS class
"left-align."
    </p>

    <p class="right-align">
        This is a right-aligned paragraph. It's aligned to the right using the CSS
class "right-align."
    </p>

    <p class="center-align">
        This is a center-aligned paragraph. It's aligned to the center using the CSS
class "center-align."
    </p>
</body>
</html>
```